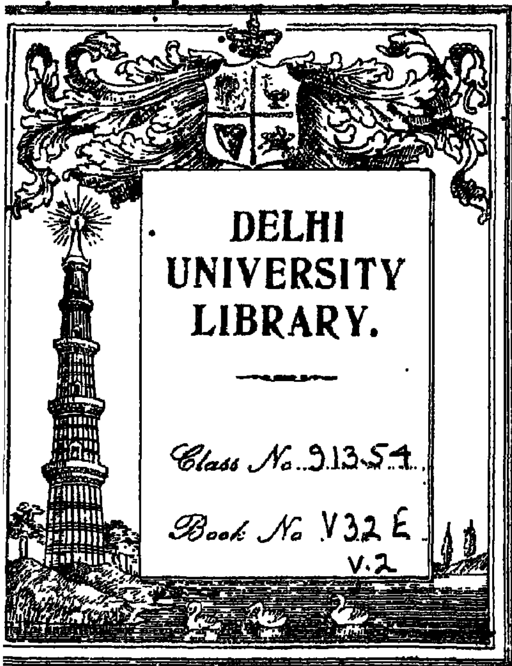

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MGIPC—M—III-9-35—28-3-40—350



(*a*) PART OF MOUND AB WITH THE TOMB OF NAUGAZA, FROM NORTH-EAST.



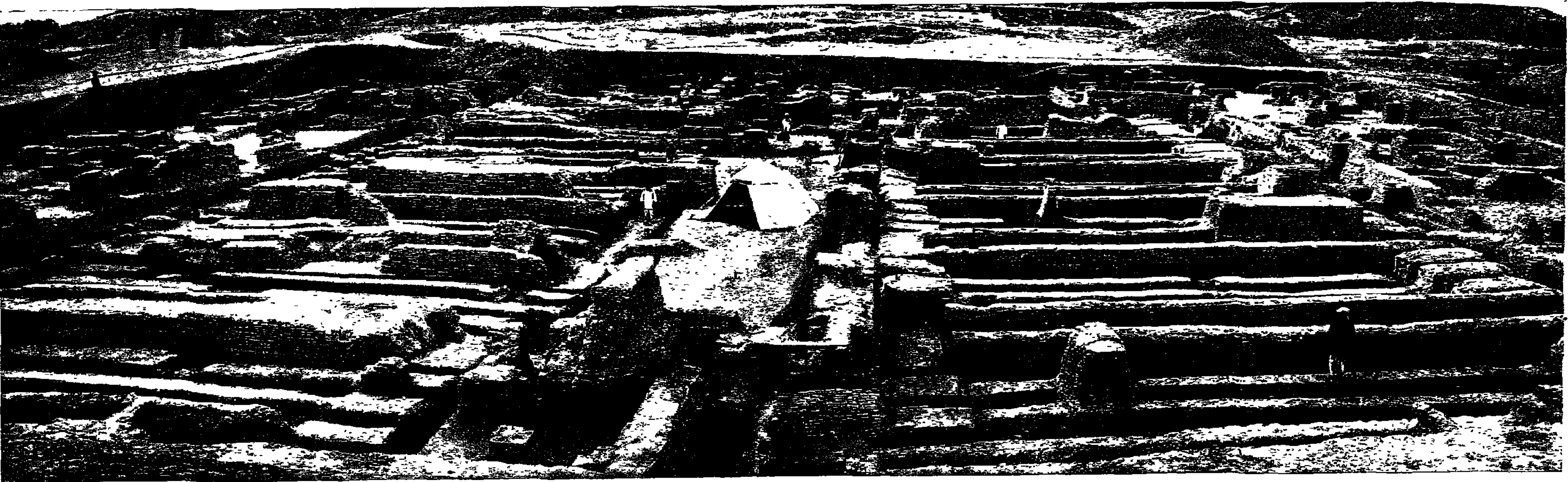
(*b*) WEST SIDE OF MOUND AB WITH MOUND F IN THE BACKGROUND, LOOKING NORTH.



(*c*) ARCHÆOLOGICAL CAMP AND MUSEUM, FROM NORTH-EAST.



(*d*) NORTH-EAST SPUR OF MOUND AB SHOWING MUD BRICK TERRACING.



(*a*) The Great Granary, panoramic view, looking south.



(*b*) The Great Granary, panoramic view, looking east.



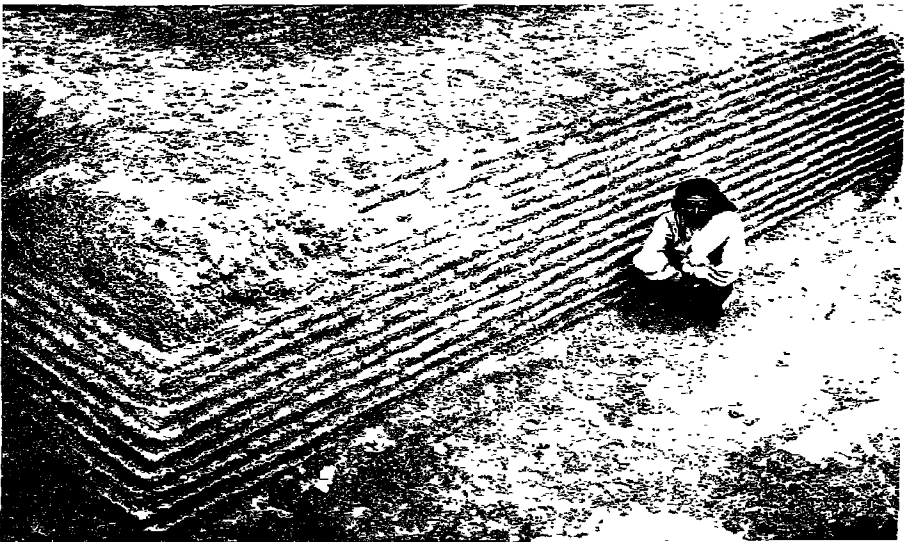
(*a*) The Great Granary, from south-west.



(*b*) Narrow trench showing a section of the retaining wall to east of the Great Granary, looking south.



(*c*) Flight of steps in the Central Aisle abutting against the Western Block of the Great Granary.



(*d*) Retaining wall of the Great Granary, from south-west.

(*a*) EXTENSION TO WEST OF THE GREAT GRANARY, LOOKING NORTH.



(*b*) HOUSE 1 TO WEST OF THE GREAT GRANARY, FROM SOUTH-WEST.



(*c*) EXTENSION TO EAST OF THE GREAT GRANARY, FROM NORTH-WEST.



(*d*) EXTENSION TO WEST OF THE GREAT GRANARY, SHOWING EARTHENWARE JARS *in situ* AND WORK IN PROGRESS, FROM SOUTH-EAST-SOUTH.



(*a*) EARTHENWARE JAR OF STRATUM V FILLED WITH TRIANGULAR TERRACOTTA CAKES.



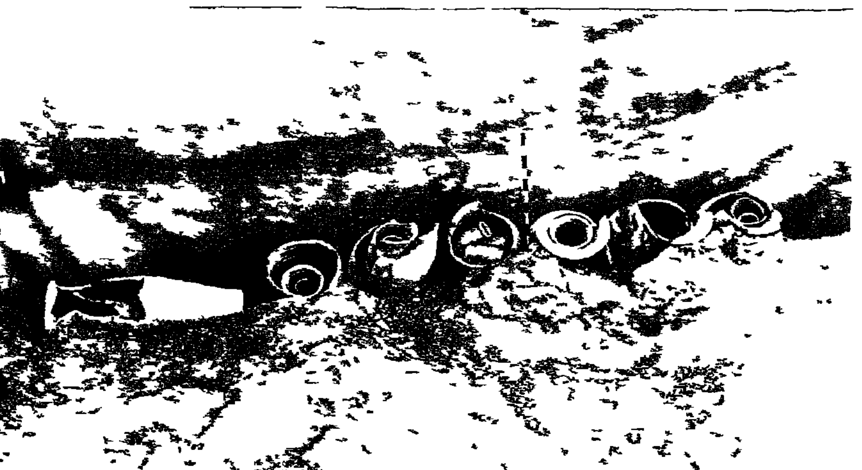
(*b*) POTTERY GROUP OF STRATUM II *in situ*.



(*c*) EARTHENWARE JAR NO 3760 *in situ*.



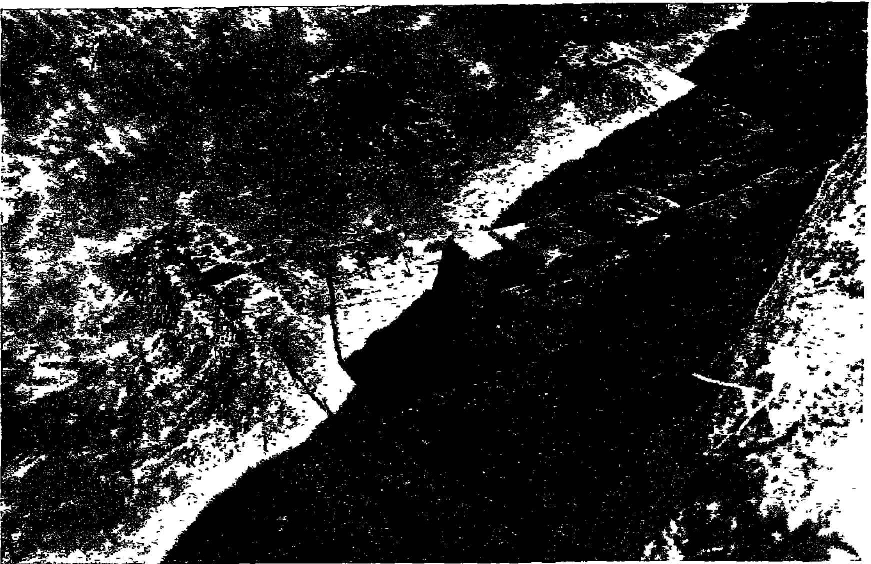
(*d*) POTTERY GROUPS NOS. 7338 TO 7340 AND 7360 *in situ*.



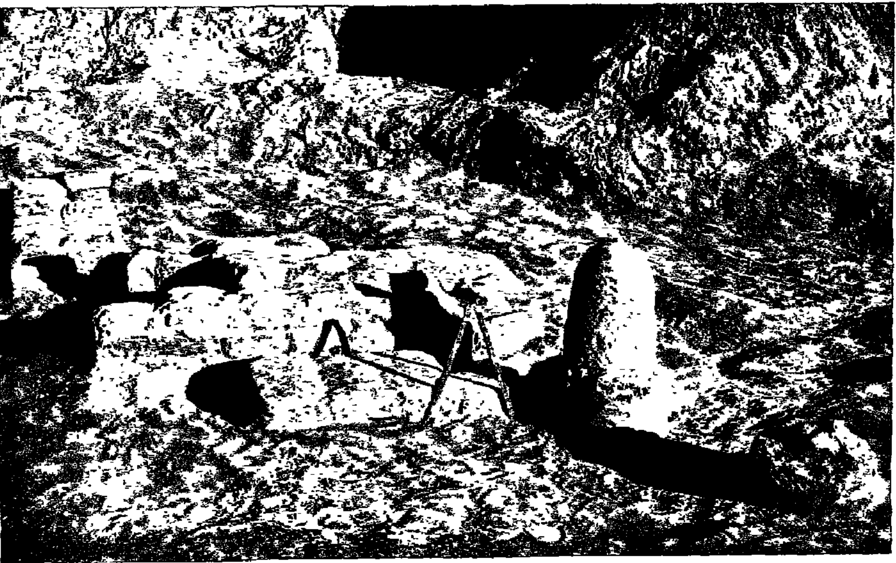
(*e*) A LINE OF SEVEN LONG OVAL VASES *in situ* CONTAINING SMALL CYLINDRICAL VASES.



(a) General view of Trench Af from north-west.



(b) Drain and sink in Trench Ae.



(c) Lingam *in situ* in Trench Ai.



(d) Brick-on-edge pavement of stratum I in Trench Ae.



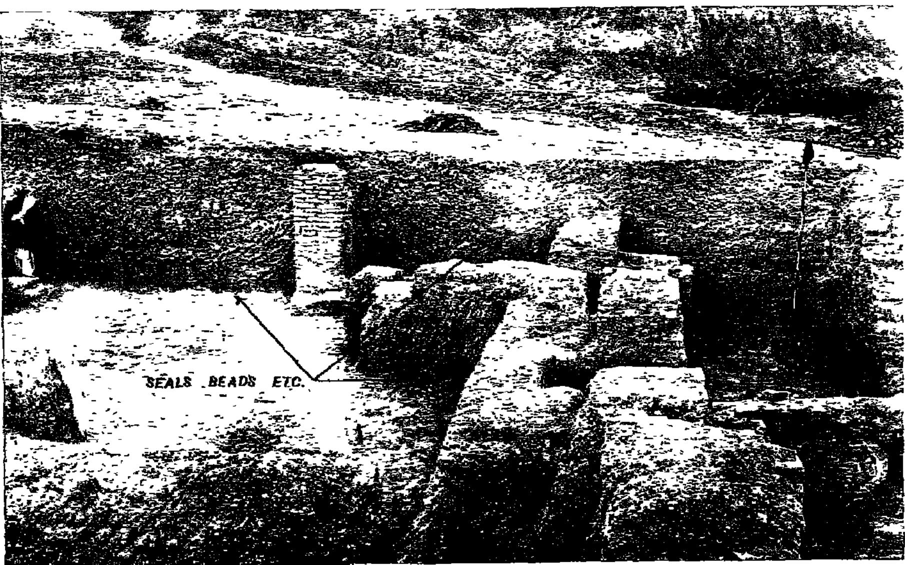
(a) WORKMEN'S QUARTERS, LANE II BETWEEN BLOCKS I AND II, LOOKING WEST.



(b) WORKMEN'S QUARTERS, LANE I WITH BLOCK II TO RIGHT, FROM WEST.



(c) NORTHERN PORTION SHOWING CIRCULAR BRICK-ON-EDGE PLATFORMS NOS. 1 TO 3, FROM SOUTH-EAST.



(d) NORTHERN END SHOWING THE FINDSPOT OF SEALS, BEADS, ETC., FROM EAST.



(*a*) Workmen's Quarters, Houses 3 and 5 with Lane V between them, from south.



(*b*) Workmen's Quarters, partial view of Blocks I and II with Trench V in the background, from south-west.



(*c*) General view from north.



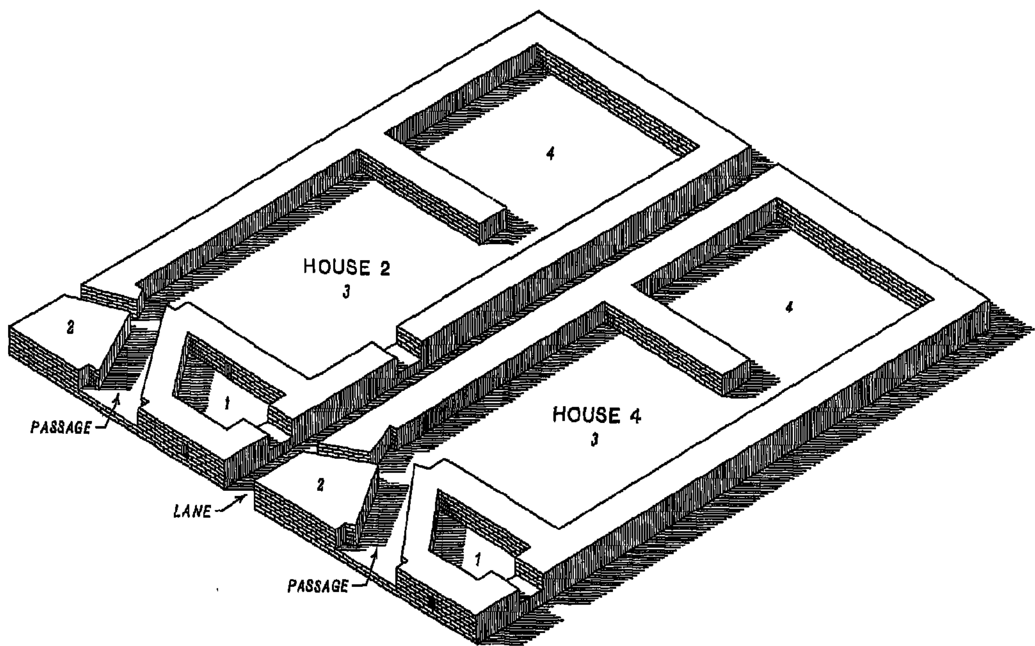
(*d*) Workmen's Quarters, partial view showing quadrilateral-shaped rooms in Blocks I and II, from north-west.



(*a*) PANORAMIC VIEW OF TRENCHES IV AND V WITH WORKMEN'S QUARTERS TO LEFT FROM EAST

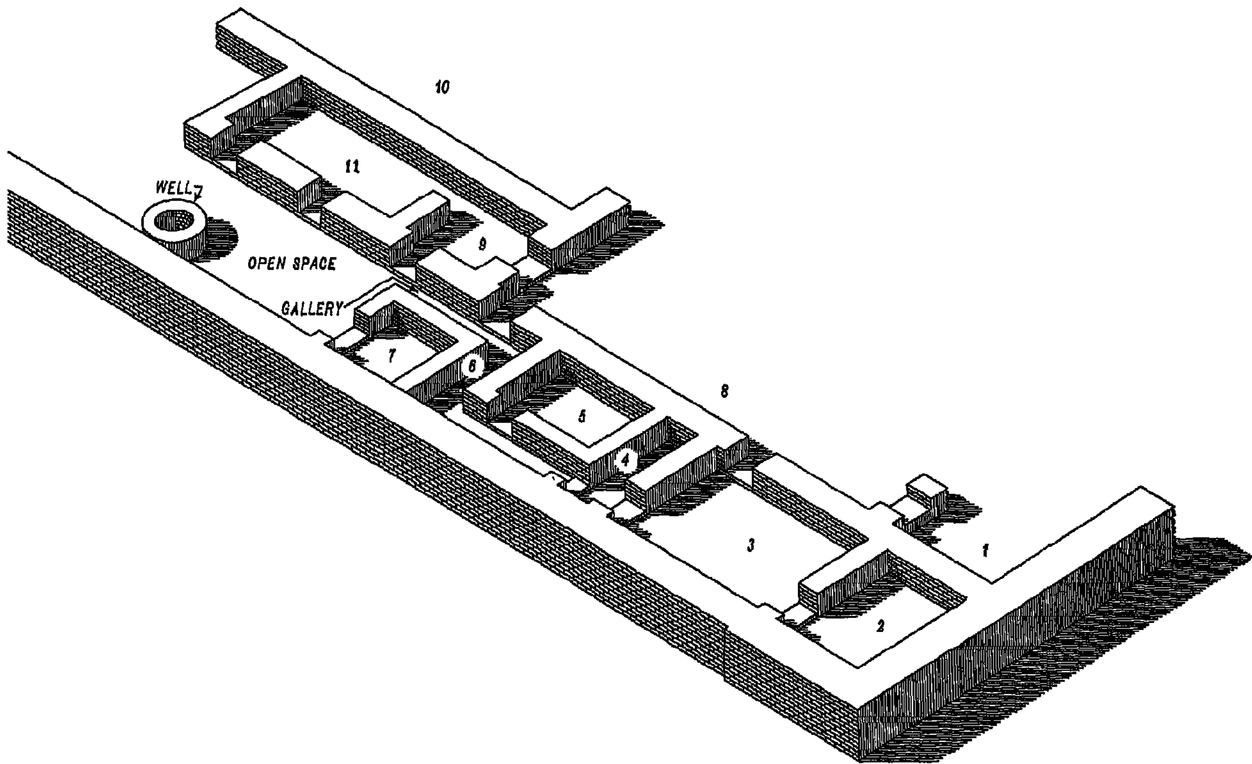


(*b*) PANORAMIC VIEW OF TRENCHES IV AND V WITH WORKMEN'S QUARTERS TO RIGHT, FROM WEST.

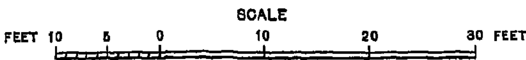


a. MOUND F, TRENCH IV, WORKMEN'S QUARTERS. ISOMETRIC PROJECTION OF HOUSES 2 & 4





b. MOUND F, TRENCH VI, ISOMETRIC PROJECTION OF HOUSE 1





(*a*) TRENCH IV. DEEP DIGGING SHOWING SEVERAL LAYERS OF NODULES.



(*b*) TRENCH V. BOVINE BONES AND COPPER SPEAR-HEAD No. 10008 BELOW A WALL OF STRATUM IV IN SQ. J 12/25.



(*c*) TRENCH V. GENERAL VIEW, LOOKING EAST.



(*d*) TRENCH V. WELL WITH PAVEMENT AND WATER JARS, FROM NORTH-WEST.



(*a*) FURNACE Fa WITH A PART OF THE ROOF VAULT LYING INSIDE.



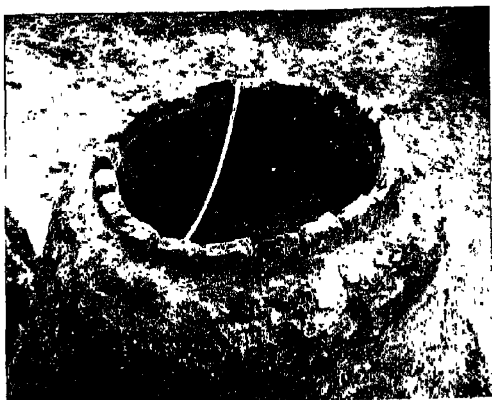
(*b*) FURNACE Fa SHOWING FLUES IN THE VAULT AFTER CLEARANCE.



(*c*) FURNACE Fj.



(*d*) FURNACE Fc WITH DIVIDING WALL INSIDE.



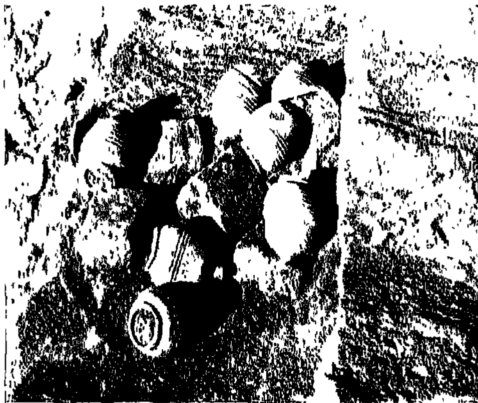




(*a*) TRENCH V. PART OF A DRAIN WITH LIME PLASTER IN SQ. J 12/9.



(*b*) TRENCH V. DEEP DIGGING AT THE EASTERN END SHOWING BROKEN POTTERY.



(*c*) TRENCH V. GOBLETS WITH POINTED BASES *in situ* IN SQ. J 12/15.



(*d*) TRENCH IV. *Deg*-SHAPED LARGE POTTERY VESSEL COVERED BY A WALL OF STRATUM III IN SQ. I 11/10.



(*e*) TRENCH IV. FURNACE Fd.



(*f*) TRENCH IV. FURNACE Fg.



(*g*) TRENCH IV. LARGE POTTERY VESSEL SHAPED LIKE A GOBLET WITH POINTED BASE IN SQ. I 12/7.



(*a*) General view from north-west-north.



(*b*) General view from south-east-south.



(*c*) View of the Central Section showing strata I to VI from north-west.



(*d*) Detail view of mud huts at the southern end.



(*a*) VIEW OF THE NORTHERN SECTION, FROM SOUTH-WEST.



(*b*) DEEP DIGGING AND THE NORTHERN SECTION SHOWING EIGHT STRATA OF OCCUPATION, FROM SOUTH-WEST.



(*c*) CRUSHED POTTERY LYING AGAINST A WALL OF STRATUM V IN SQ. M 11/11.



(*d*) CENTRAL SECTION SHOWING A FINE RECTANGULAR PAVEMENT OF STRATUM V.



(*a*) Central Section. Seals, weights, etc., of stratum IV *in situ*.



(*b*) Central Section. Copper Jar No. 277 of stratum III *in situ*.



(*c*) Western cutting of the Deep Digging showing compressed layers of green earth preceded and followed by soft white soil.



(*d*) Eastern part of the Deep Digging showing bovine bones including forepart of a skull.



(*a*) NORTHERN SECTION, POTTERY JARS 1033 A AND B BESIDES A BROKEN PAVEMENT OF STRATUM III.



(*b*) NORTHERN SECTION, POST-CREMATION URN NO. 3686 IN SQ. M 10/15 WITH A HUMAN TIBIA INSIDE.



(*c*) SOUTHERN SECTION SHOWING TWO RECTANGULAR HEARTHS OF STRATUM IV AND CIRCULAR MANGERS OF STRATUM V IN SQ. M 12/19.



(*d*) PARTIAL VIEW OF POTTERY IN SQ. M 12/17.



(*e*) INSCRIBED JAR AND JAR-STANDS OF STRATUM VI IN SQ. M 12/6.

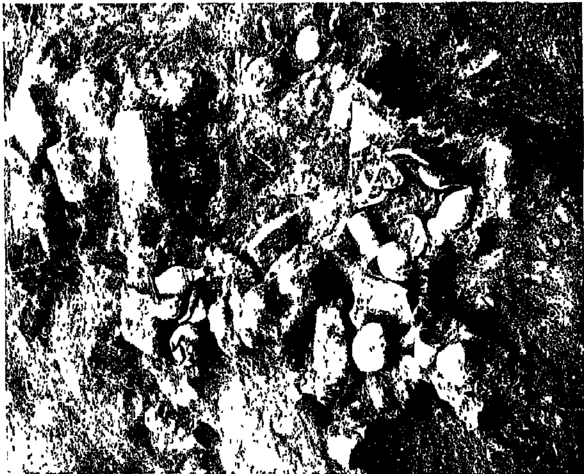


(*f*) BROAD AND SHALLOW TROUGH OF STRATUM VI IN SQ. M 11/13.

HARAPPA
MOUND F
TRENCH III
SCALE
FEET 10 0 10 20 30 40 FEET
N
N9/18
N9/13
N9/19
GRANARY
N9/20
N10/16
HOUSE 2
LANE
N9/14
N9/15
N10/11
PAVING ST. III
5503
PAVING ST IV
2
3
1
HOUSE 1
4
N9/10
N9/9
PAVING ST. IV
N10/6
7867
FILLING OF NODULES
N9/8
AND
POTSHERDS
3925
N9/6
ST. I
N9/7
ST. V
N9/3
N9/4
N9/5
PAVING ST. III
5630
N10/1
M9
MUD WALLS
M9/23
M9/24
DRAIN
ST. III
M9/25
M10/21
5723
3463
REFERENCES
STRATUM I
DO II
DO III
DO IV
STRATUM V
DO VI
DO VII
ST. = STRATUM



(*a*) TRENCH III. PARTIAL VIEW OF HOUSES 1 AND 2 OF STRATUM IV, FROM SOUTH-WEST.



(*b*) TRENCH III. GROUP OF POLYCHROME AND OTHER POTTERY NO. 5723 *in situ*.



(*c*) TRENCH VI. BOVINE BONES AND POTTERY IN SINK 1 IN SQ. P 10/8.



(*d*) TRENCH III. CONTENTS OF A POST-CREMATION URN LYING IN THE LANE BETWEEN HOUSES 1 AND 2.

MOUND F
PLAN AND SECTION OF TRENCH VI

SCALE

FEET 10 5 0 10 20 30 40 FEET

SECTION ON AB



N

PLAN

HOUSE 1

HOUSE 2

LANE

GANGWAY

OPEN SPACE

GALLERY

WELL

GRANARY

DRAIN

MANGER

SINK 1

SINK 2

STEPS

WALL OF MIXED CONSTRUCTION

WALLS OF MIXED CONSTRUCTION

LINE OF POTS

PAVING ST. II

PAVING ST. III

PAVING ST. IV

SHERDS TYPICAL OF BURIAL AND OTHER POTTERY

EXTENSION I

EXTENSION II

REFERENCES

STRATUM I

DO II

DO III

STRATUM IV

DO V



(*a*) EASTERN PART OF HOUSE 1 OF STRATUM IV, FROM NORTH-WEST.



(*b*) WESTERN PART SHOWING IN THE FOREGROUND JAR-STANDS EMBEDDED IN A LARGE PAVEMENT, LOOKING NORTH.



(*c*) BURIAL AND NON-BURIAL TYPES OF POTSHERDS MIXED WITH BOVINE BONES AND BRICKBATS IN SQUARES P 10/11 AND P 9/15.



(*d*) ALTERNATE COURSES OF MUD AND BURNT BRICKS IN THE OUTER WALLS OF ROOM 1, HOUSE 2, FROM NORTH-EAST.



(*a*) EASTERN PART OF HOUSE 1 OF STRATUM IV AND OTHER STRUCTURES, FROM NORTH-EAST.



(*b*) EXTENSION I, BACK PART OF A HOUSE BURIED UNDER FIELDS, FROM NORTH-WEST.



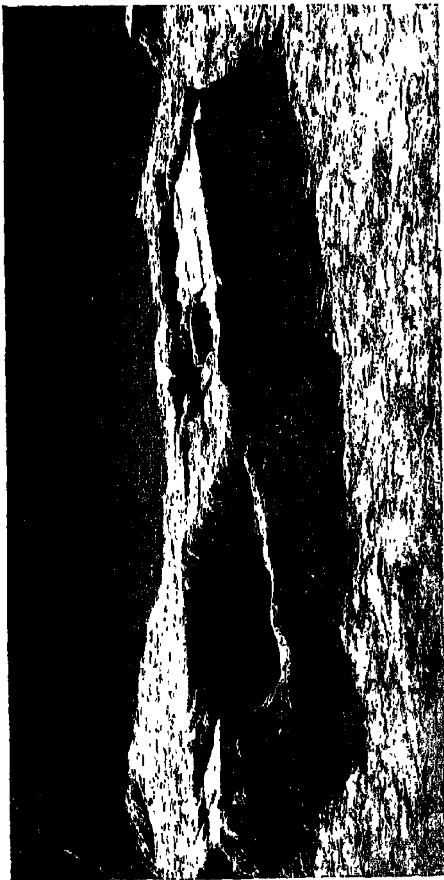
(*c*) EARTHENWARE JARS OF STRATA I TO III IN THE SOUTHERN PART OF THE NORTHERN SECTION, LOOKING WEST.



(*d*) LANE TO THE EAST OF HOUSES 1 AND 2 BLOCKED BY LATER WALLS, FROM SOUTH.



(*a*) GENERAL VIEW SHOWING MULTIPLE STRATA, FROM SOUTH-WEST.



(*b*) RECTANGULAR PAVEMENT WITH BRICK EDGING IN TWO PARTS.



(*c*) HEAP OF ANIMAL BONES OF STRATUM IV FOUND IN THE CENTRE OF THE TRENCH.



(*d*) GENERAL VIEW FROM EAST-SOUTH-EAST.



(*a*) GENERAL VIEW SHOWING FRAGMENTARY NATURE OF THE REMAINS, FROM SOUTH-EAST.



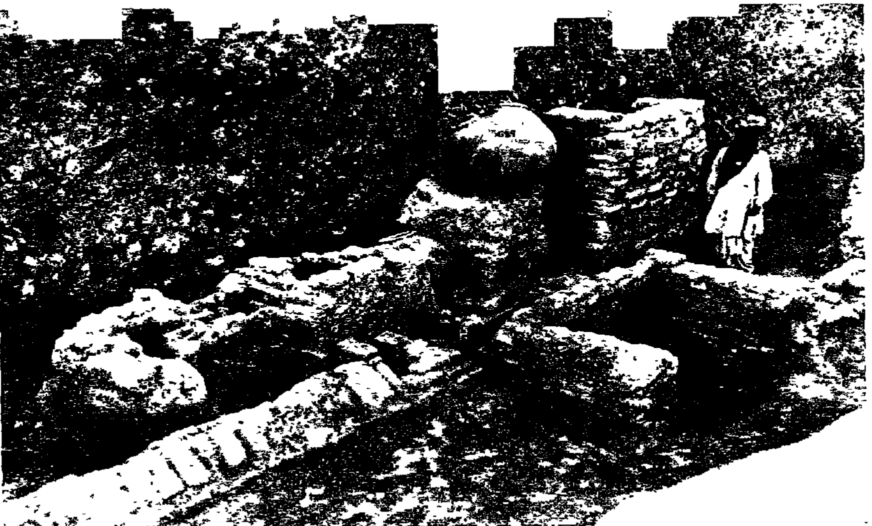
(*b*) EASTERN PART SHOWING PAVEMENTS, GABLE ROOFED DRAIN ACROSS THE CENTRE AND SHED OVER BURIAL NO. 5440 IN THE BACKGROUND, FROM NORTH-WEST-NORTH.



(*c*) LARGE DRAIN OF STRATUM V WITH A GABLE ROOFED DRAIN ABOVE, FROM EAST.



(*d*) GENERAL VIEW SHOWING A DILAPIDATED PAVEMENT AND FRAGMENTARY REMAINS, LOOKING EAST.



(*a*) SPILL WATER JARS ENCLOSED BY BRICK RESERVOIRS EMBEDDED ALONG THE WESTERN END OF A GABLE ROOFED DRAIN OF STRATUM IV FROM NORTH-EAST.



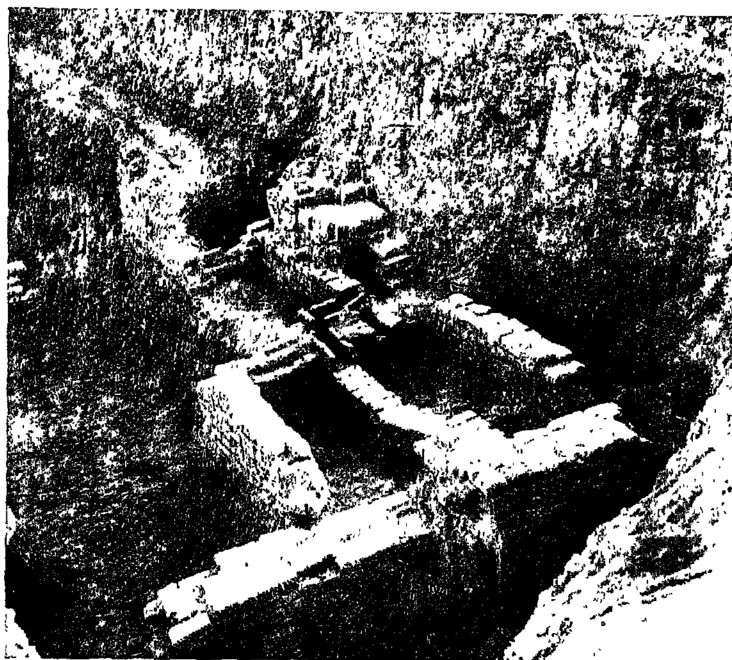
(*b*) HOUSE 4 OF STRATUM III CONSTRUCTED AGAINST AN EXISTING WALL OF STRATUM IV, FROM SOUTH-EAST.



(*c*) SAUCER-SHAPED DEPRESSION OF STRATUM III WITH *FILMY COATING OF* FULLER'S EARTH.



(*d*) ENCLOSURE SHOWING FRACTIONAL BURIAL NO. 5440, FROM NORTH-WEST.



(a) PIT IV. REMAINS OF A ROOM AND DRAIN OF STRATUM IV WITH A LATER PAVEMENT IN THE BACKGROUND, FROM SOUTH-WEST.



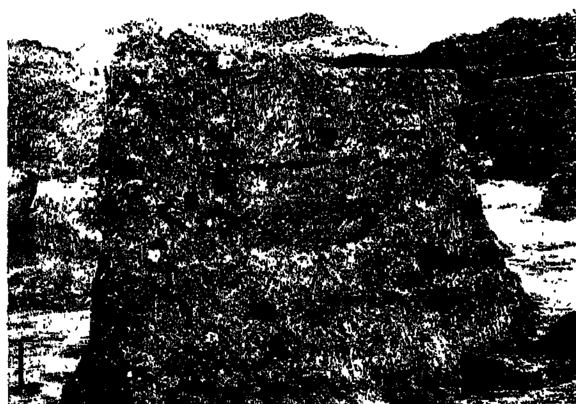
(b) EXTENSION OF PITS I AND II. POST-CREMATION TROUGH NO. 3868 CONTAINING A TORTOISE SHELL, POTTERY, ETC.



(c) DRAINAGE JARS ENCLOSED IN BRICK RESERVOIRS EMBEDDED ALONG THE WESTERN END OF THE GABLE ROOFED DRAIN OF STRATUM IV.



(d) PIT III. FRAGMENTARY REMAINS, FROM NORTH-WEST.



(e) EXTENSION OF PITS I AND II. A CURTAIN WALL OF STRATUM IV IN SQUARE Q 24/9 WITH ASHES AND CHARCOAL STICKING ON BOTH SIDES.



(f) EXTENSION OF PITS I AND II. PARTIAL VIEW OF FRACTIONAL BURIAL NO. 5440, FROM EAST.



(*a*) MOUND AS LEFT BY BRICK DIGGERS, FROM SOUTH-WEST-SOUTH.



(*b*) LONG VIEW OF CRUSHED POST-CREMATION URNS OF STRATUM V GOING ACROSS THE TRENCH, LOOKING WEST.



(*c*) GENERAL VIEW OF THE TRENCH SHOWING EXCAVATIONS IN THE BACKGROUND, AREA J, CEMETERY H AND MUSEUM, LOOKING SOUTH.



(*d*) LONG BRICK-ON-EDGE PAVEMENT OF STRATUM IV WITH SEVERAL PARTITIONS, LOOKING SOUTH.



V SHOWING MUD BRICK TERRACE IN THE OREGROUND, FROM SOUTH.



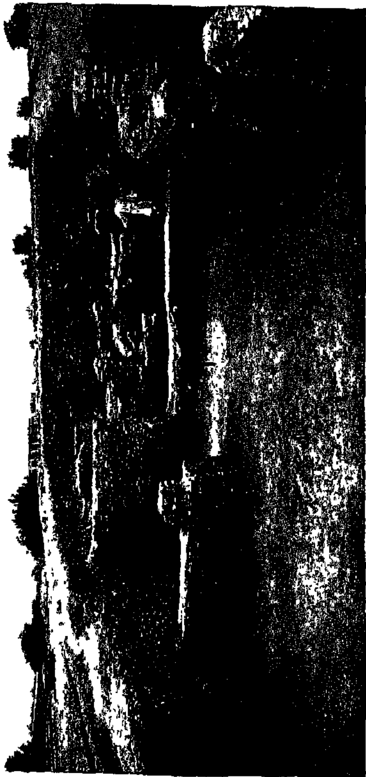
(*f*) DOUBLE WELL OF STRATUM III SHOWING TWO RINGS WITH CLAY FILLING IN BETWEEN.



(*a*) TRENCH I, GENERAL VIEW FROM NORTH-WEST.



(*b*) TRENCH I, HOUSE 4 SHOWING *Kachcha* ROOMS, FROM SOUTH-WEST.



(*c*) TRENCH II, GENERAL VIEW, LOOKING SOUTH.



(*d*) TRENCH III, LOOKING EAST.

HARAPPA. AREA G.

PLAN OF SKELETAL REMAINS

G 289 IN TRENCH II

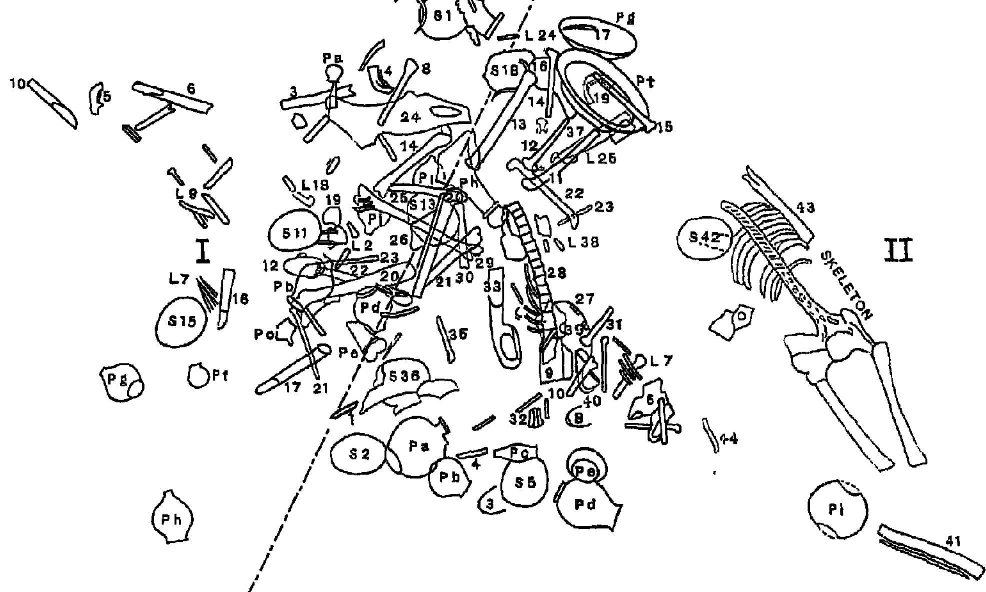
III

IV



REFERENCES

SKULL.................S
POTTERY.............P
LOT OF BONES......L
UPPER STRATUM ——
LOWER " - - - - -



SCALE

INCHES 12 9 6 3 0 1 2 3 4 FEET



(*a*) PARTIAL VIEW OF THE SKELETAL REMAINS NO. G 289, FROM SOUTH-EAST.



(*b*) POTTERY GROUP NO. G 130 *in situ*.



(a) POTTERY GROUP NO. G 15 *in situ*.



(b) PARTIAL VIEW OF SKELETAL REMAINS NO. G 289 SHOWING SKULLS S21, S22, S23 AND S46, ETC., PACKED TOGETHER IN DIVISION III, FROM EAST.



(c) PARTIAL VIEW OF SKELETAL REMAINS NO. G 289 SHOWING SKULLS S1 TO S4 WITH FOOD PLATES, ETC., IN DIVISION III, FROM WEST.



(d) PARTIAL VIEW OF SKELETAL REMAINS NO. G 289 WITH SOME ANIMAL AND HUMAN BONES IN DIVISION III, FROM SOUTH-EAST.



(*a*) POT-BURIALS OF STRATUM I, PANORAMIC VIEW, FROM EAST.



(*b*) EARTH-BURIALS OF STRATUM II, PANORAMIC VIEW, FROM WEST.



(*a*) WESTERN PART SHOWING POT-BURIALS OF STRATUM I, FROM NORTH.



(*b*) EASTERN EXTENSION SHOWING POT-BURIALS OF STRATUM I, FROM NORTH-EAST.



(*c*) GROUP OF POT-BURIALS NO. H 206 A TO K, FROM EAST.



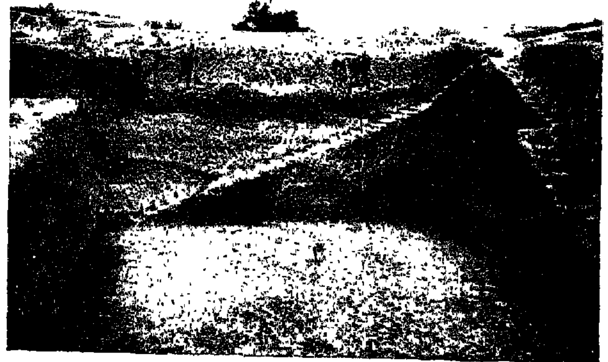
(*d*) GROUPS OF POT-BURIALS NOS. H 151 TO H 154, FROM NORTH-WEST.



(*e*) GROUP OF POT-BURIALS NO. 7435 A TO G, FROM SOUTH-EAST.



(*a*) Central Portion showing burial pottery of strata I and II, from south-east.



(*b*) Deep digging at the north-east corner showing river silt and pockets of rubbish, looking north.



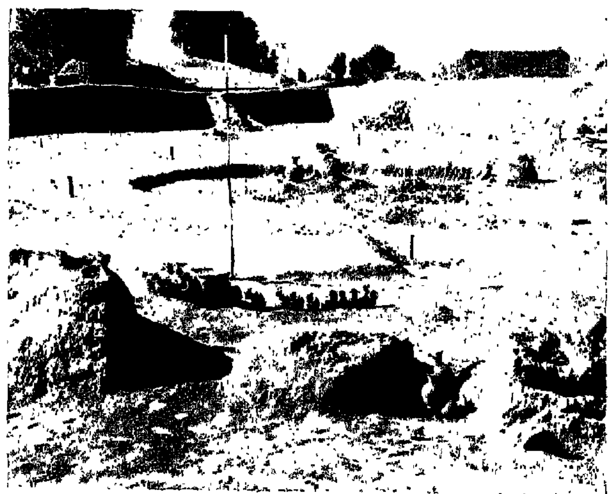
(*c*) Burial pottery of stratum II, from south.



(*d*) Group of pot-burials No. H 231, from west.



(*e*) Burial pottery of strata I and II in squares R 33/25 and R 34/21, from north-east.



(*f*) Earth-burial No. H 184, etc., from north.



(*a*) EXTENSION OF WESTERN SECTION. POT-BURIALS OF STRATUM I, GENERAL VIEW, FROM EAST.



(*b*) EXTENSION OF WESTERN SECTION. FRACTIONAL BURIALS OF STRATUM II, GENERAL VIEW, FROM EAST.



(*c*) EXTENSION OF WESTERN SECTION. DETAIL VIEW OF SOME FRACTIONAL BURIALS OF STRATUM II, FROM SOUTH.



(*d*) WESTERN SECTION. POT-BURIALS NOS. H. 243 TO H. 248 CRUSHED BY THE IMPACT OF CART TRAFFIC, FROM SOUTH-WEST.



(a) Burial No. H 696.



(b) Burial No. H 710.



(c) Burial No. H 695.



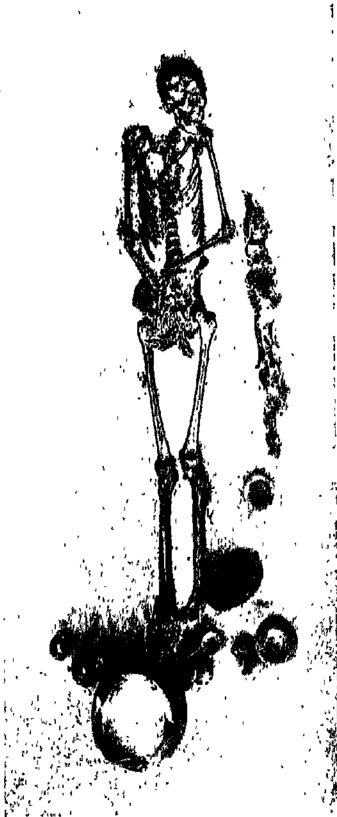
(d) Burial No. H 699.



(e) Burial No. H 485.



(f) Burial No. H 488.



(*a*) BURIAL NO. H 698
WITH A SACRIFICED GOAT
TO RIGHT.



(*b*) BURIAL NO. H 306.



(*c*) BURIAL NO. H 184.



(*d*) BURIAL NO. H 307.



(a) Burial No. H 484.



(b) Burial No. H 501.



(c) Burial No. H 502.



(d) Burial No. H 697.



(*a*) Contents of the burial-pot No. H 245*a*.



(*b*) Contents of the burial-pot No. H 249.



(*c*) Contents of the burial-pot No. H 61.



(*d*) Contents of the burial-pot No. H 206*a*.



(*e*) Contents of the burial-pot No. H 231.



(*a*) BURIAL-POT NO. H 231 CONTAINING ONLY A CHILD'S SKULL.



(*b*) CONTENTS OF THE BURIAL-POT NO. H 154*a* ALSO SHOWING A NARROW-NECKED VASE.



(*c*) BURIAL-POT NO. H 245 CONTAINING ONLY A PART OF A LOWER LEG.



(*d*) BURIAL-POT NO. H 153 CONTAINING ONLY A CHILD'S SKULL.



(*e*) POT-BURIAL NO. H 83 SHOWING A BABY IN EMBRYONIC POSITION.



(*a*) Pot-burial No. H165a containing a baby in embryonic position.



(*b*) Pot-burial No. H622 containing a baby in embryonic Position.



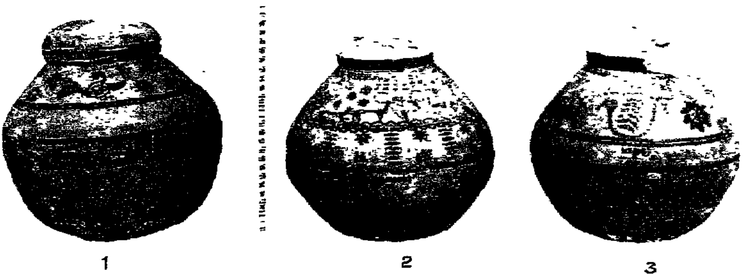
(*c*) Pot-burial No. H679 containing a baby in embryonic position.



(*d*) Pot-burial No. H148a containing a baby in embryonic position.



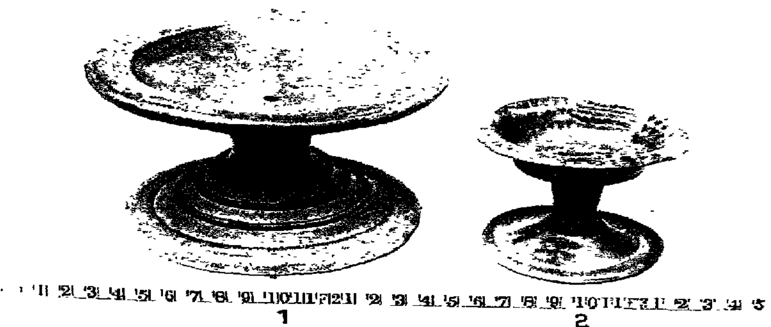
(*a*) THE FIRST POT-BURIALS NO. 3934 A TO C.



(*b*) POT-BURIALS NOS. H 206 *a* AND *b* AND H 245 *k* PAINTED WITH MYTHOLOGICAL SCENES.



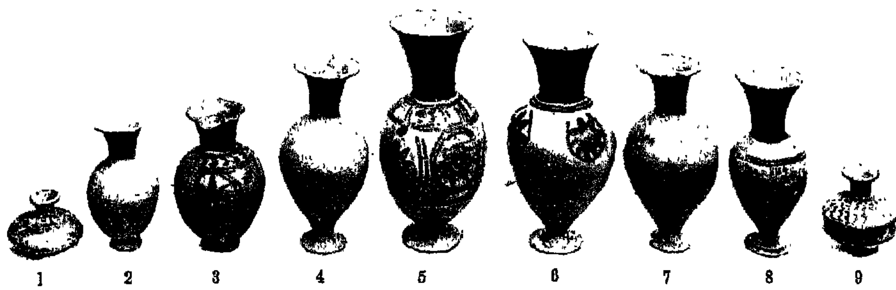
(*c*) TYPES OF BURIAL JARS WHICH CONTAINED BABIES IN EMBRYONIC POSITION.



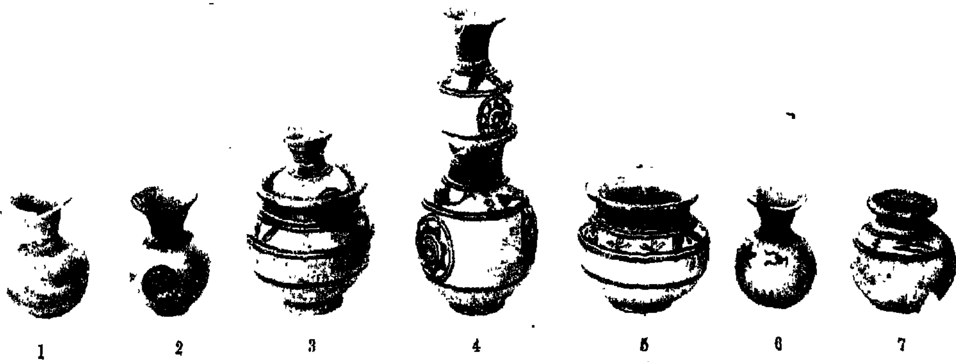
(*d*) TYPES OF BURIAL FOOD-PLATES FROM STRATUM II.



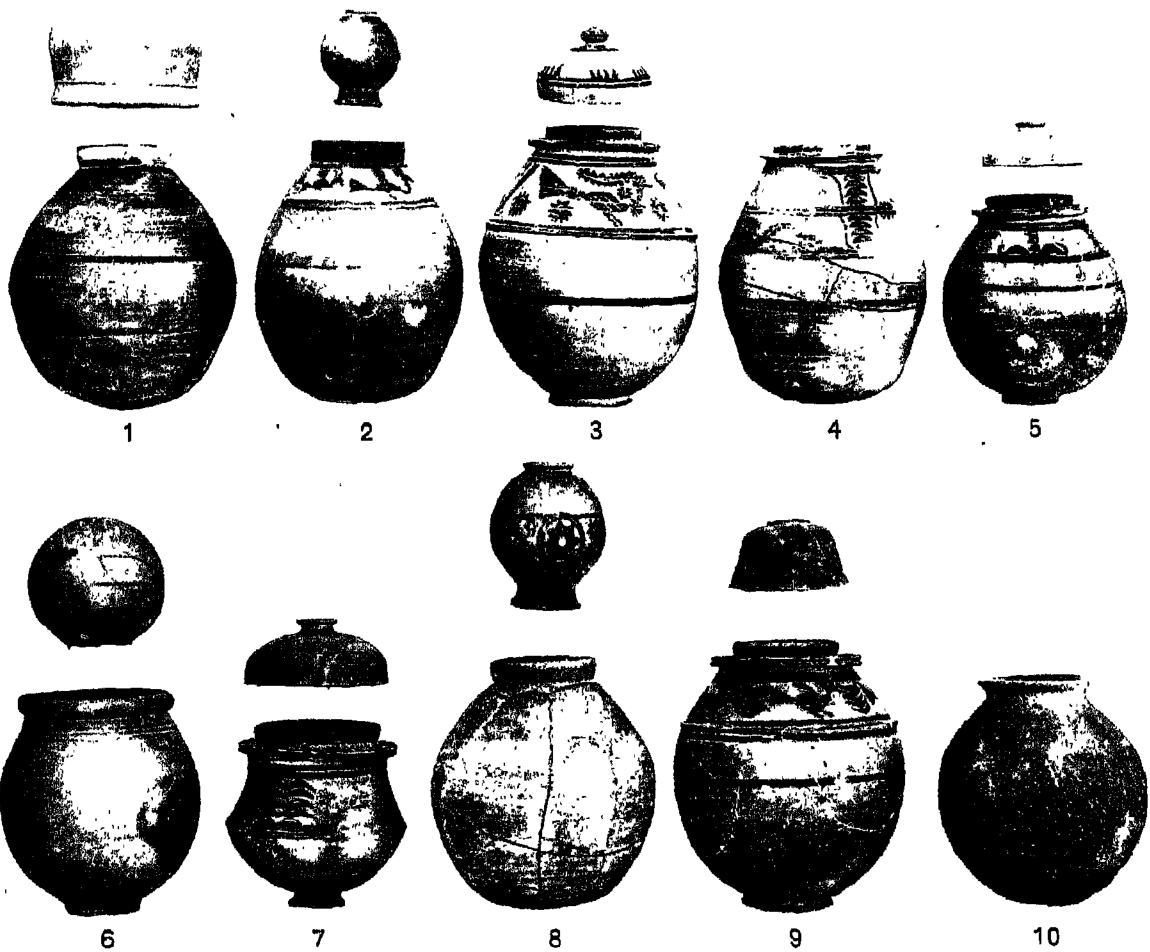
(a) AREA G, TRENCH III. GENERAL VIEW FROM SOUTH.



(b) CEMETERY H. FLASKS, ETC., MOSTLY OF STRATUM II.



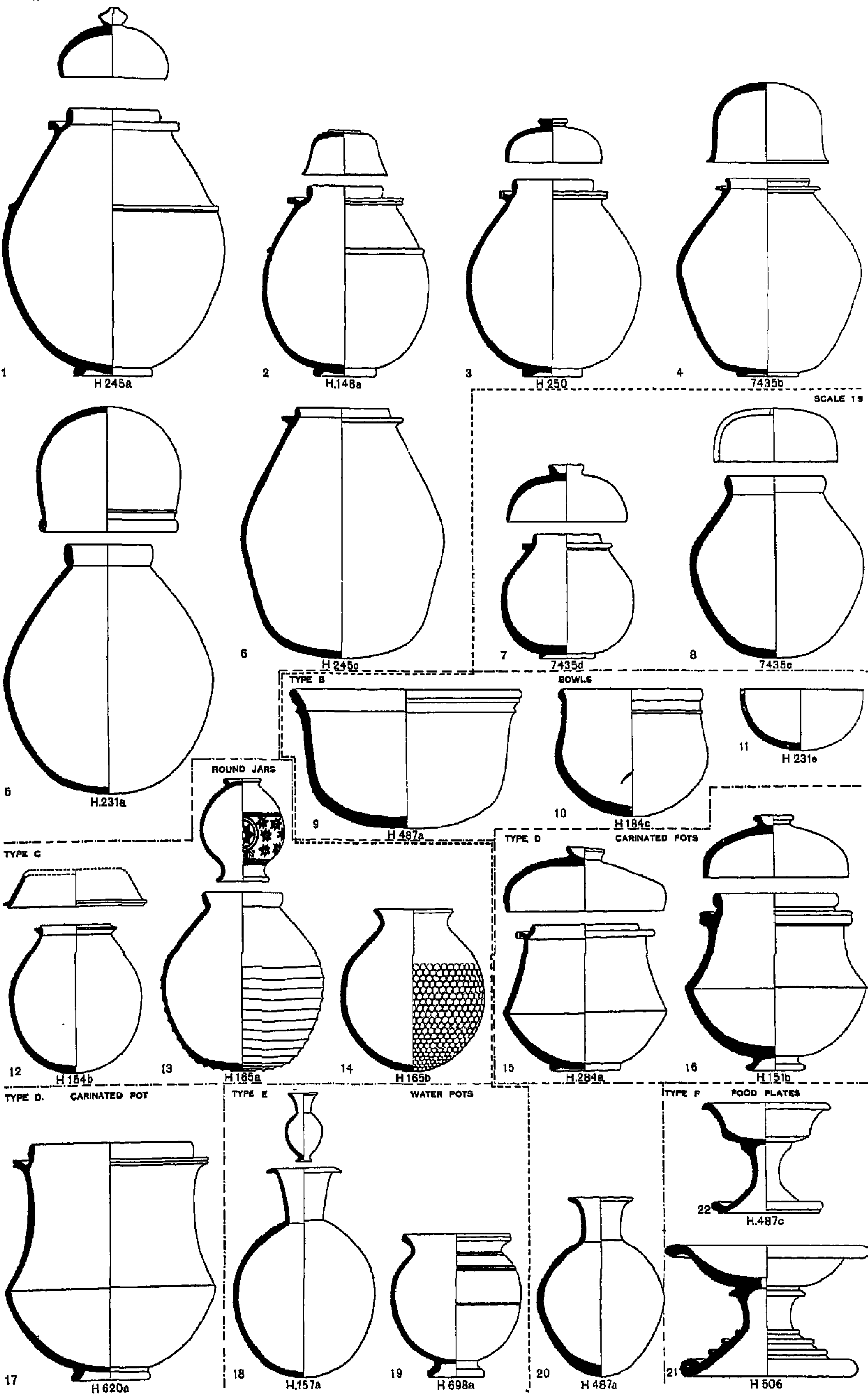
(c) CEMETERY H. POTTERY OF STRATUM II.



(*a*) TYPES OF BURIAL-POTS OF STRATUM I WITH THEIR COVERS.

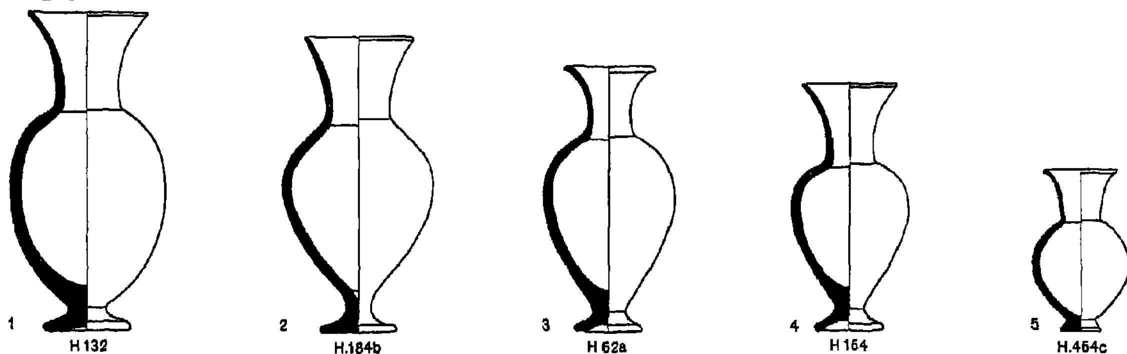


(*b*) TYPES OF POTTERY FOUND WITH EARTH-BURIALS OF STRATUM II.

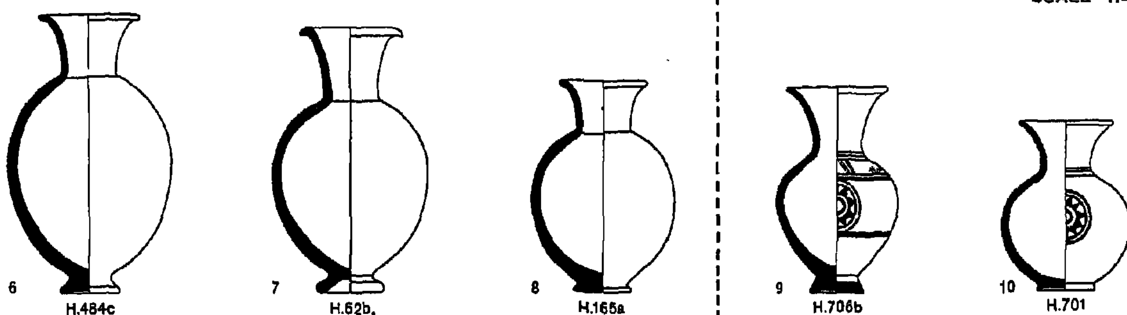

TYPE A
SCALE 1 12
1
H 245a
2
H.148a
3
H 250
4
7435b
SCALE 1 8
5
H.231a
6
H 245c
7
7435d
8
7435c
TYPE B
BOWLS
9
H 487a
10
H 184c
11
H 231e
ROUND JARS
TYPE C
12
H 154b
13
H 166a
14
H 165b
TYPE D
CARINATED POTS
15
H 284a
16
H 151b
TYPE D. CARINATED POT
17
H 620a
TYPE E
WATER POTS
18
H.157a
19
H 698a
20
H 487a
TYPE F
FOOD PLATES
22
H.487c
21
H 506

SCALE 1:6

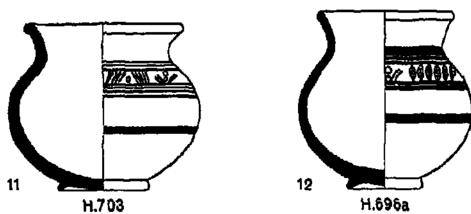
TYPE G



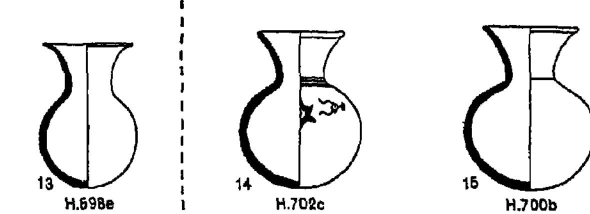
SCALE 1:4

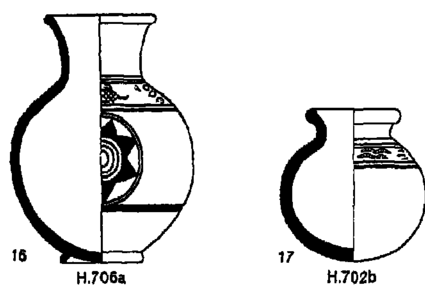


TYPE H WATER POTS

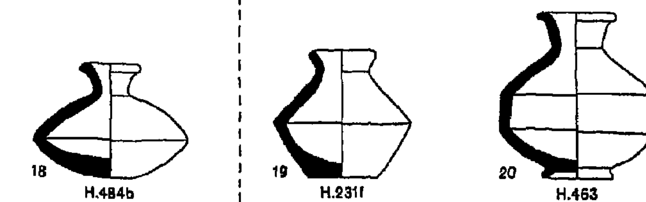


TYPE I ROUND VASES

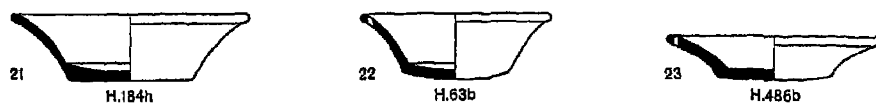


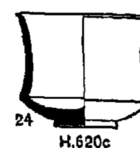


TYPE J MISCELLANEOUS VASES

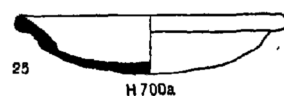


TYPE K SAUCERS



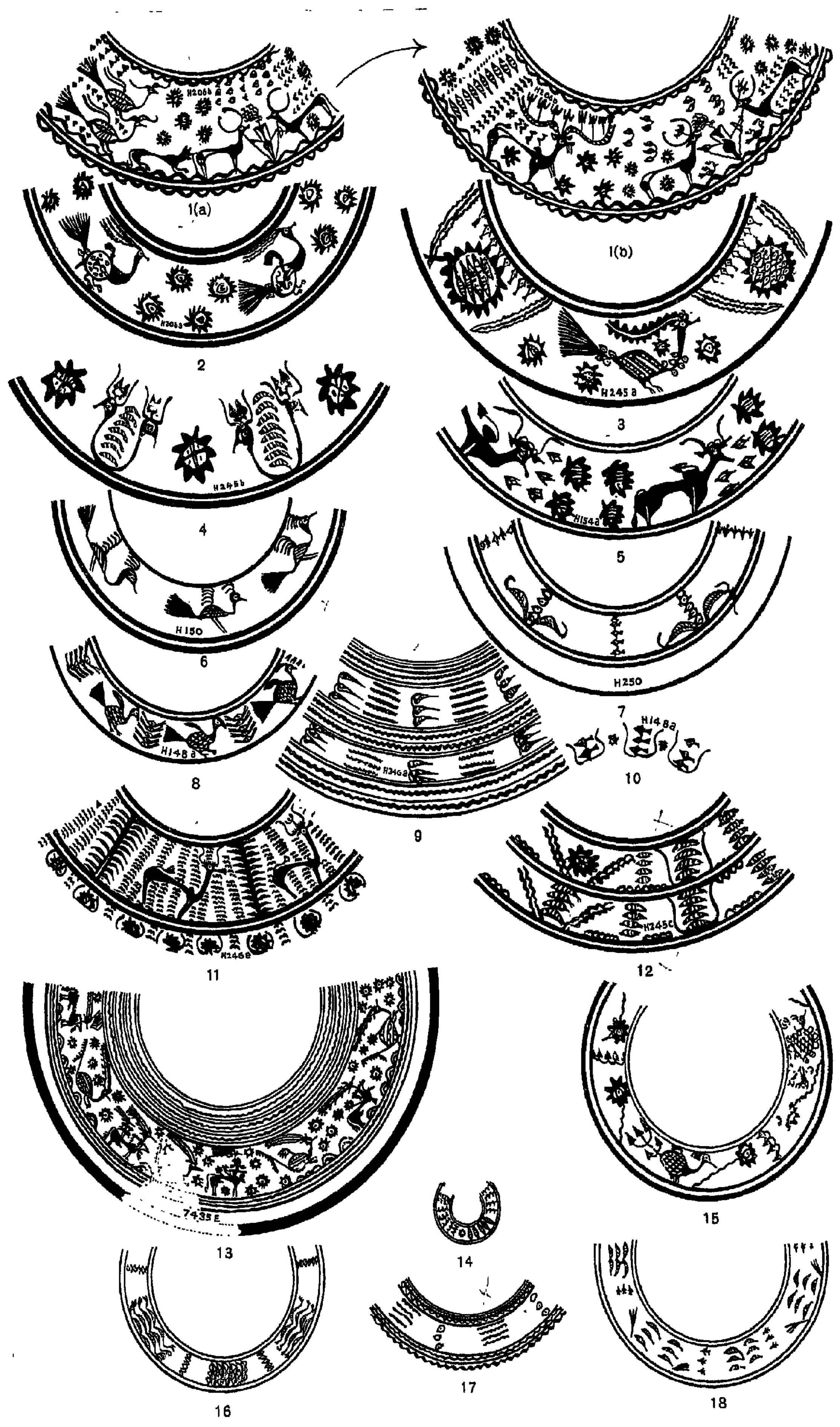


TYPE L PLAIN DISH

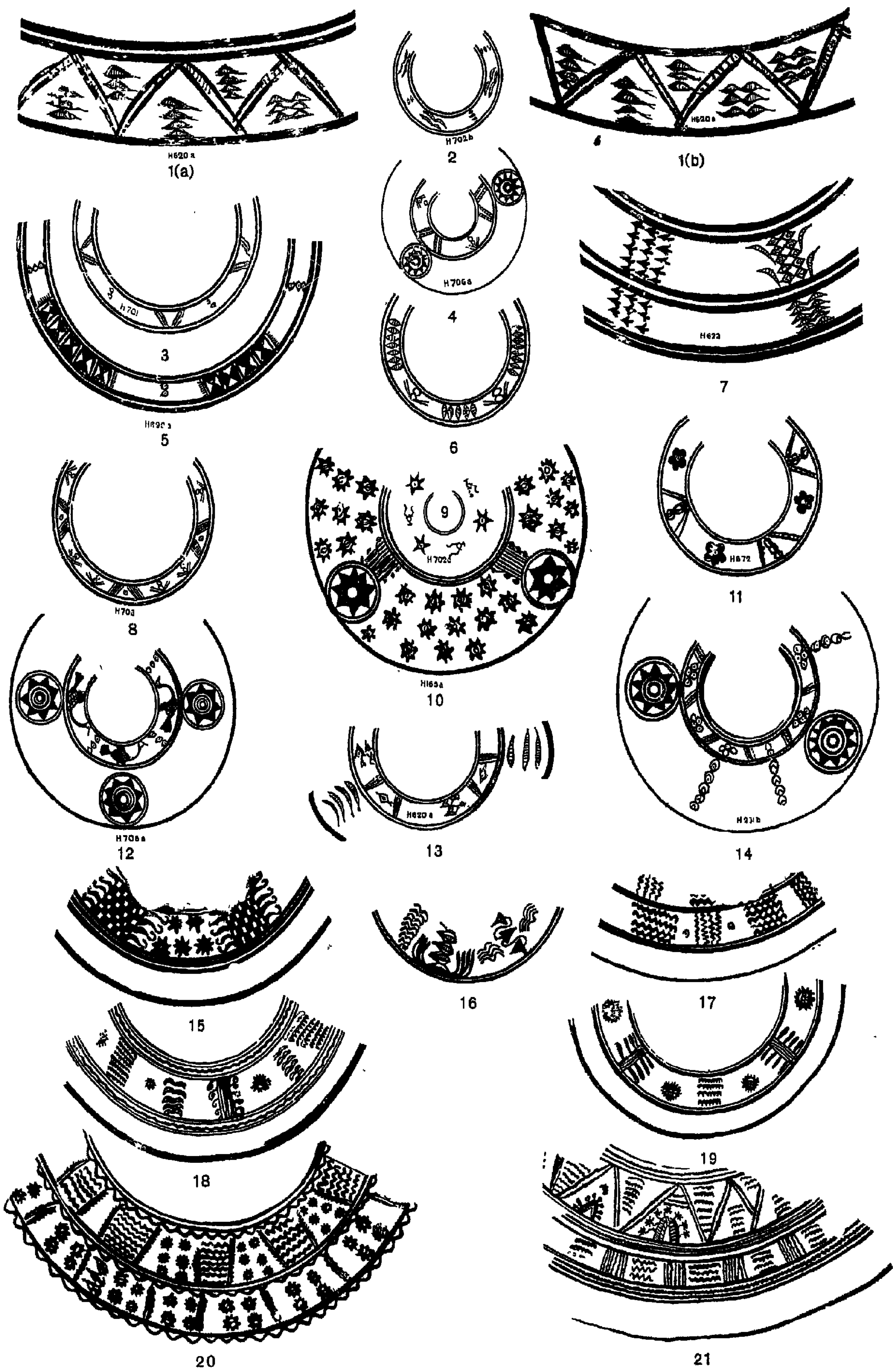


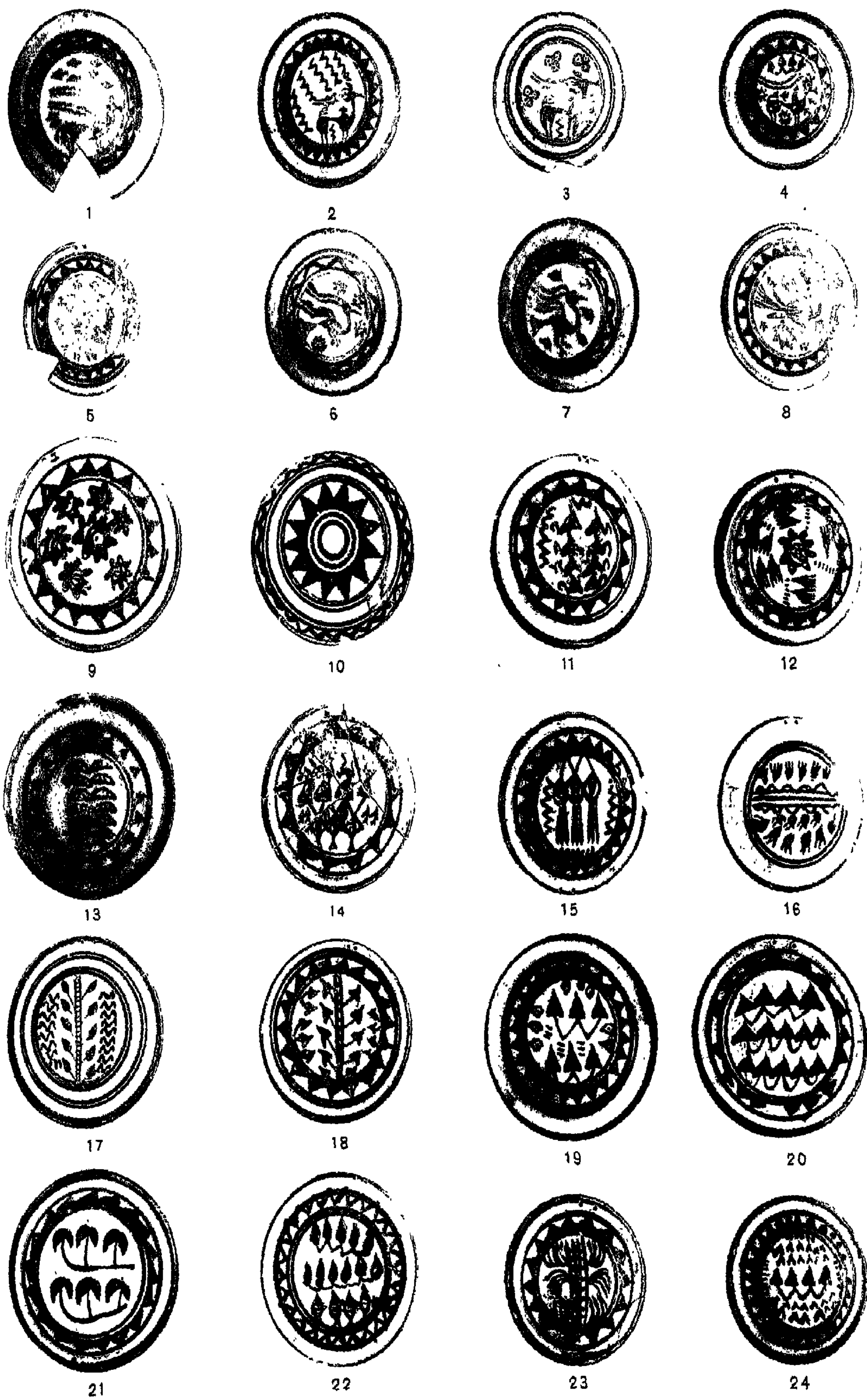
TYPE M FLAT COVERS



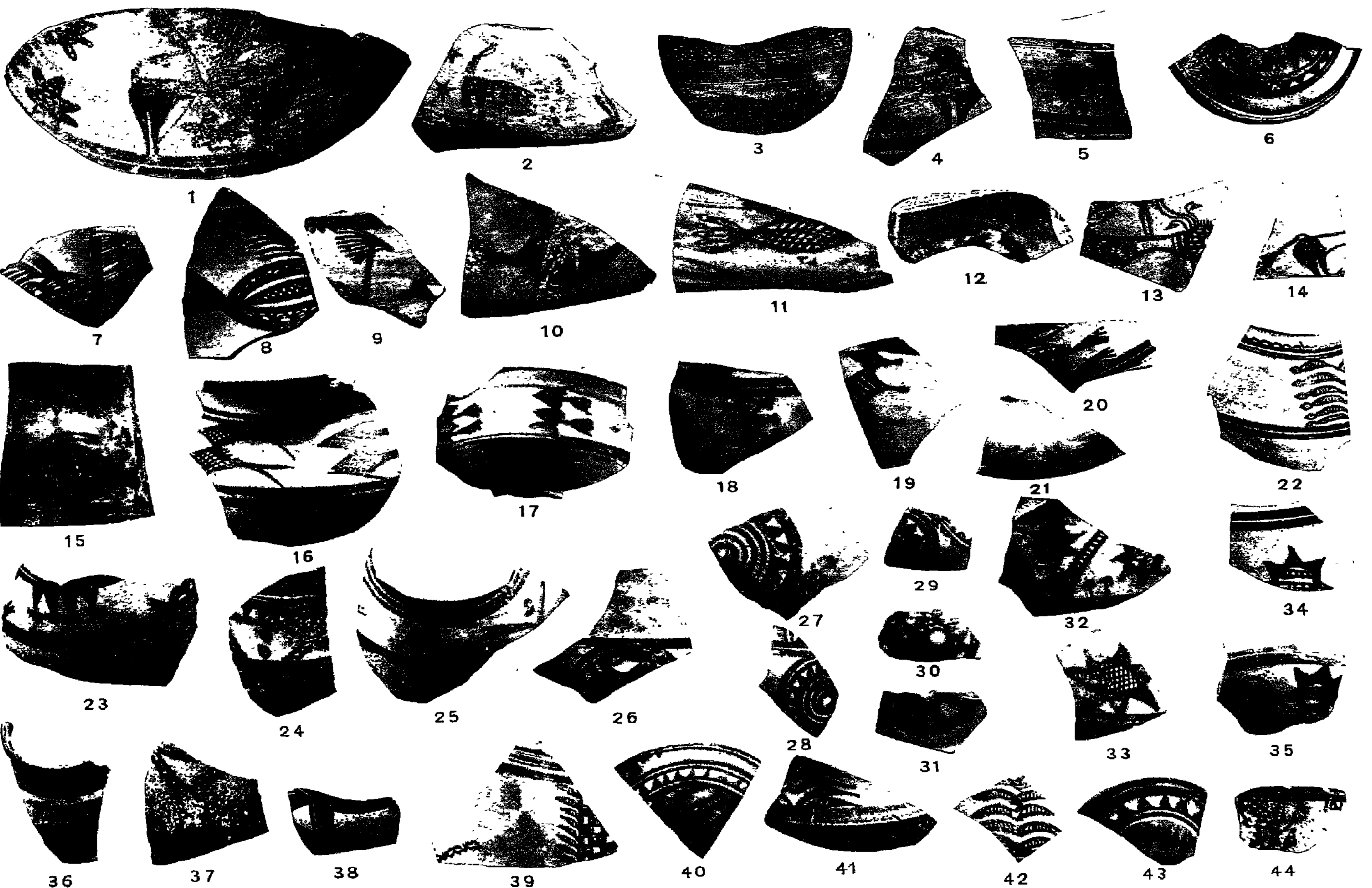


CEMETERY H. PAINTINGS ON BURIAL JARS.

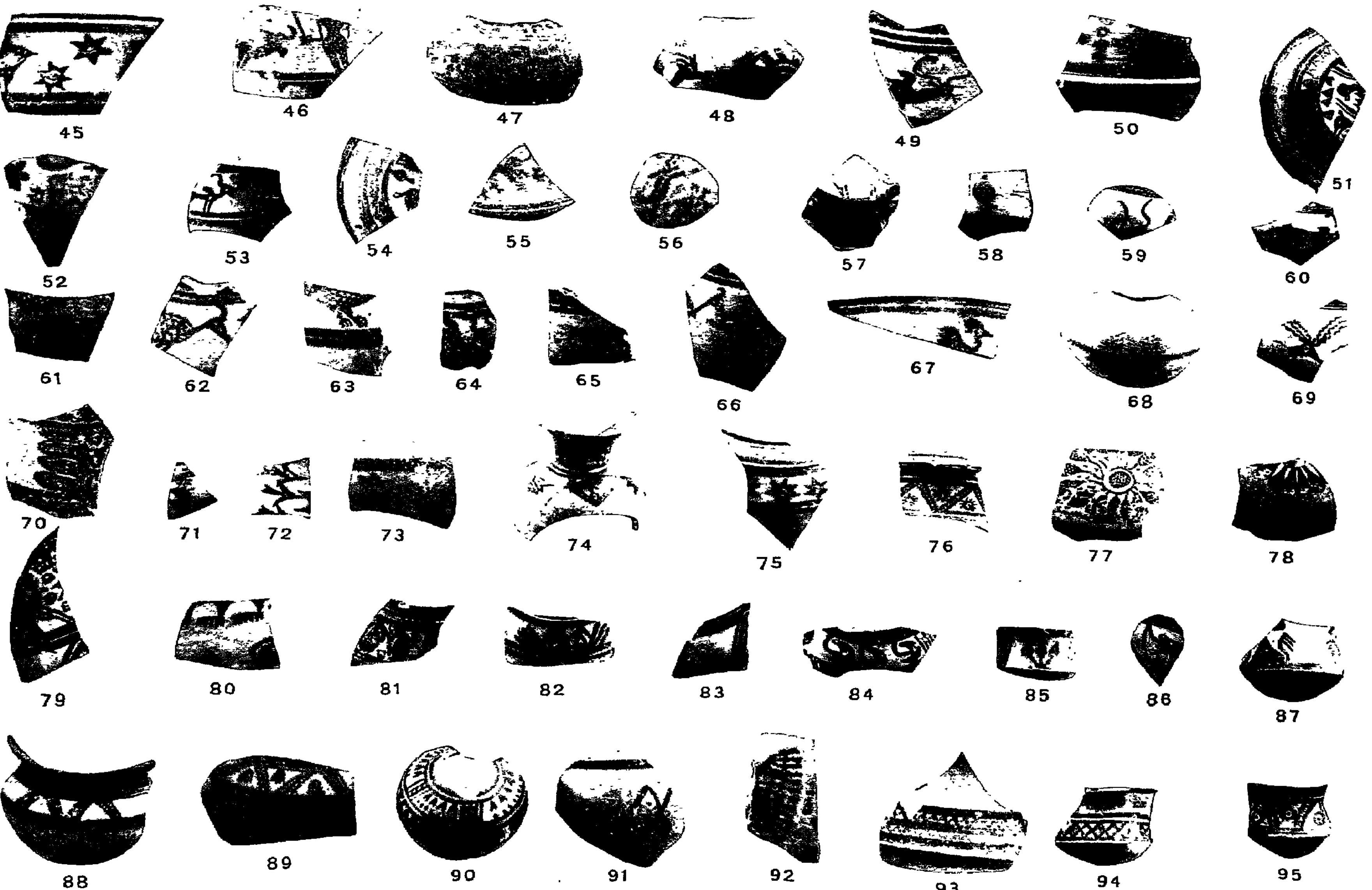

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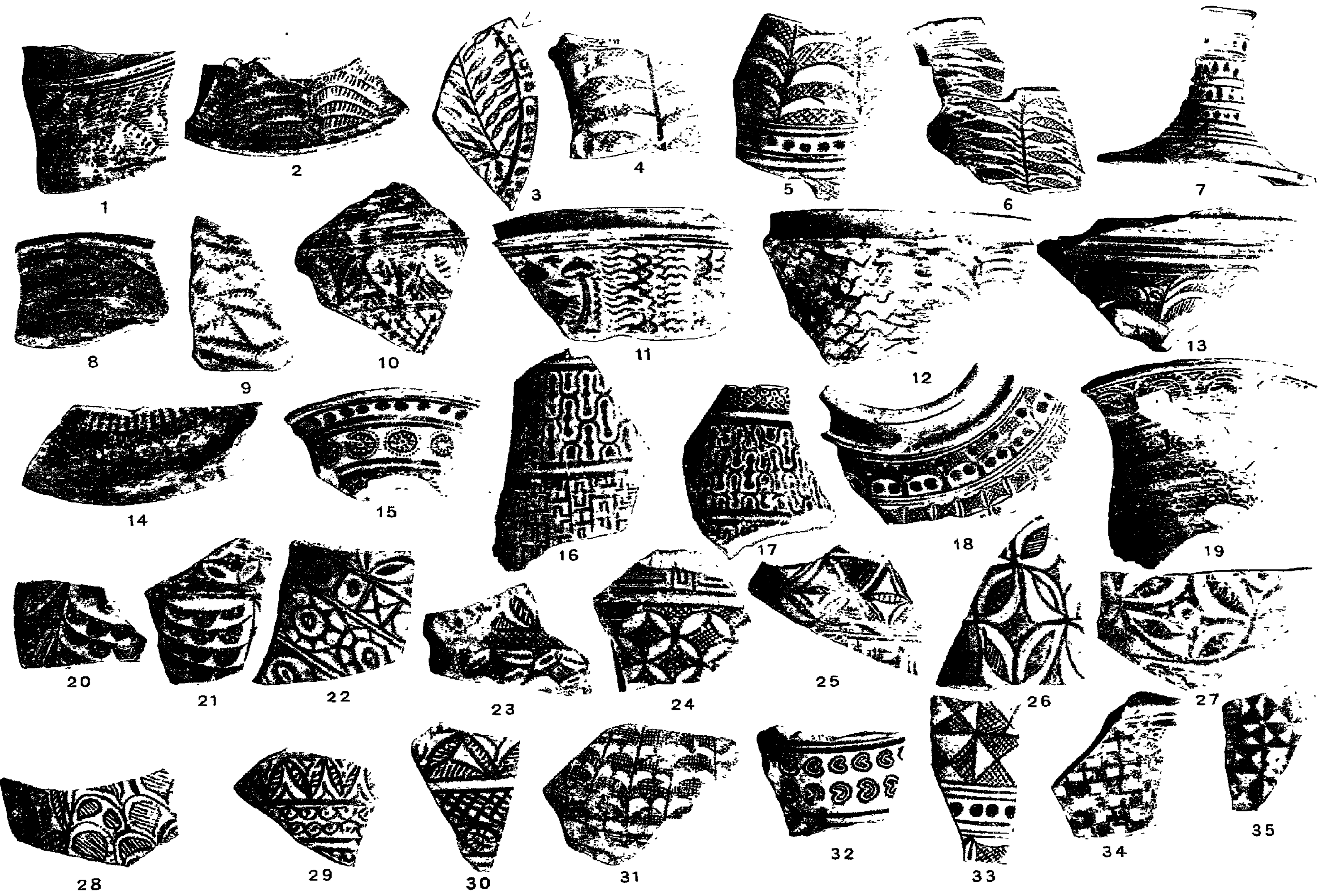
CEMETERY H. PAINTINGS ON THE UNDERSIDE OF FLAT COVERS FROM STRATUM II.



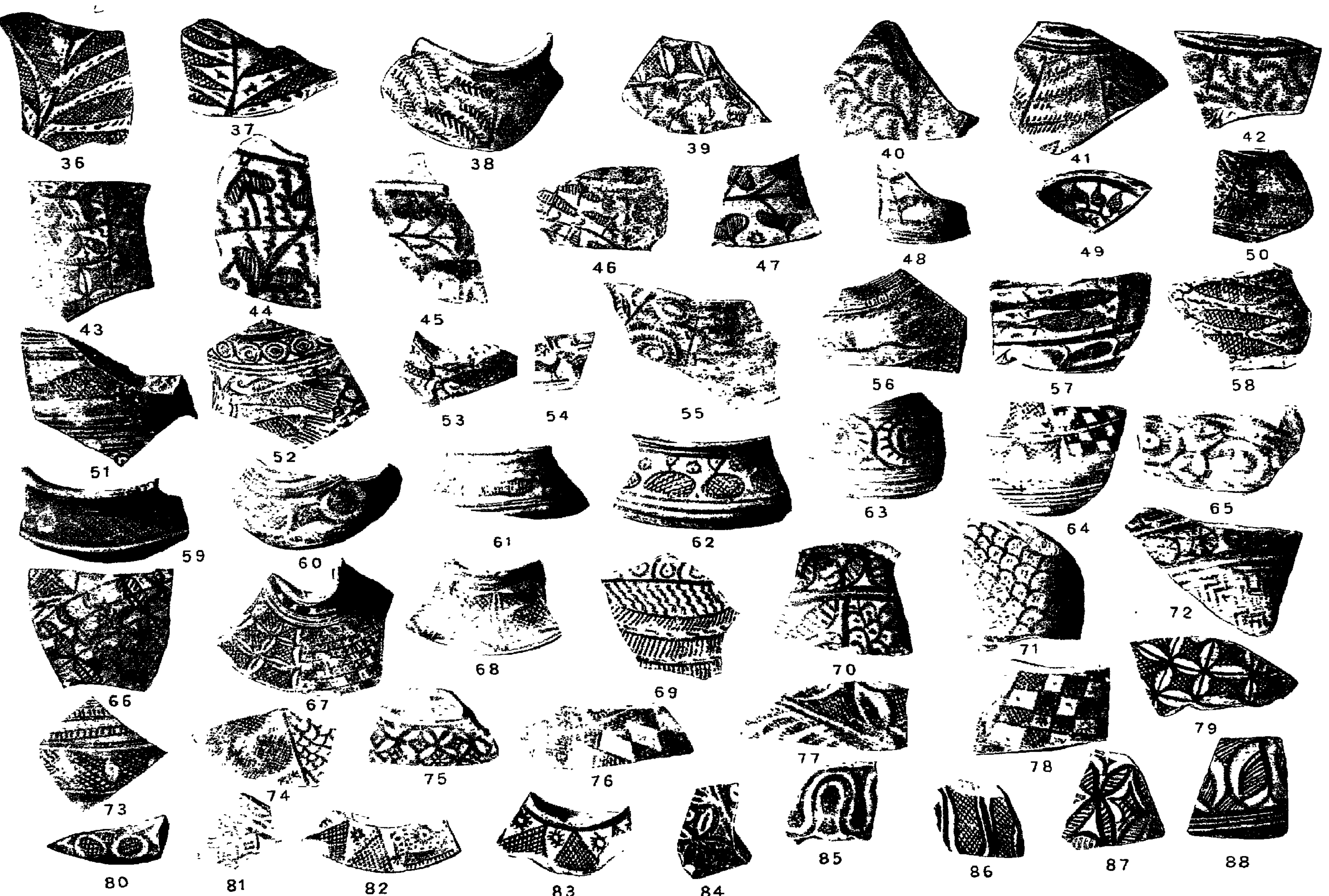
PAINTED SHERDS FROM MOUNDS TYPICAL OF BURIAL POTTERY.



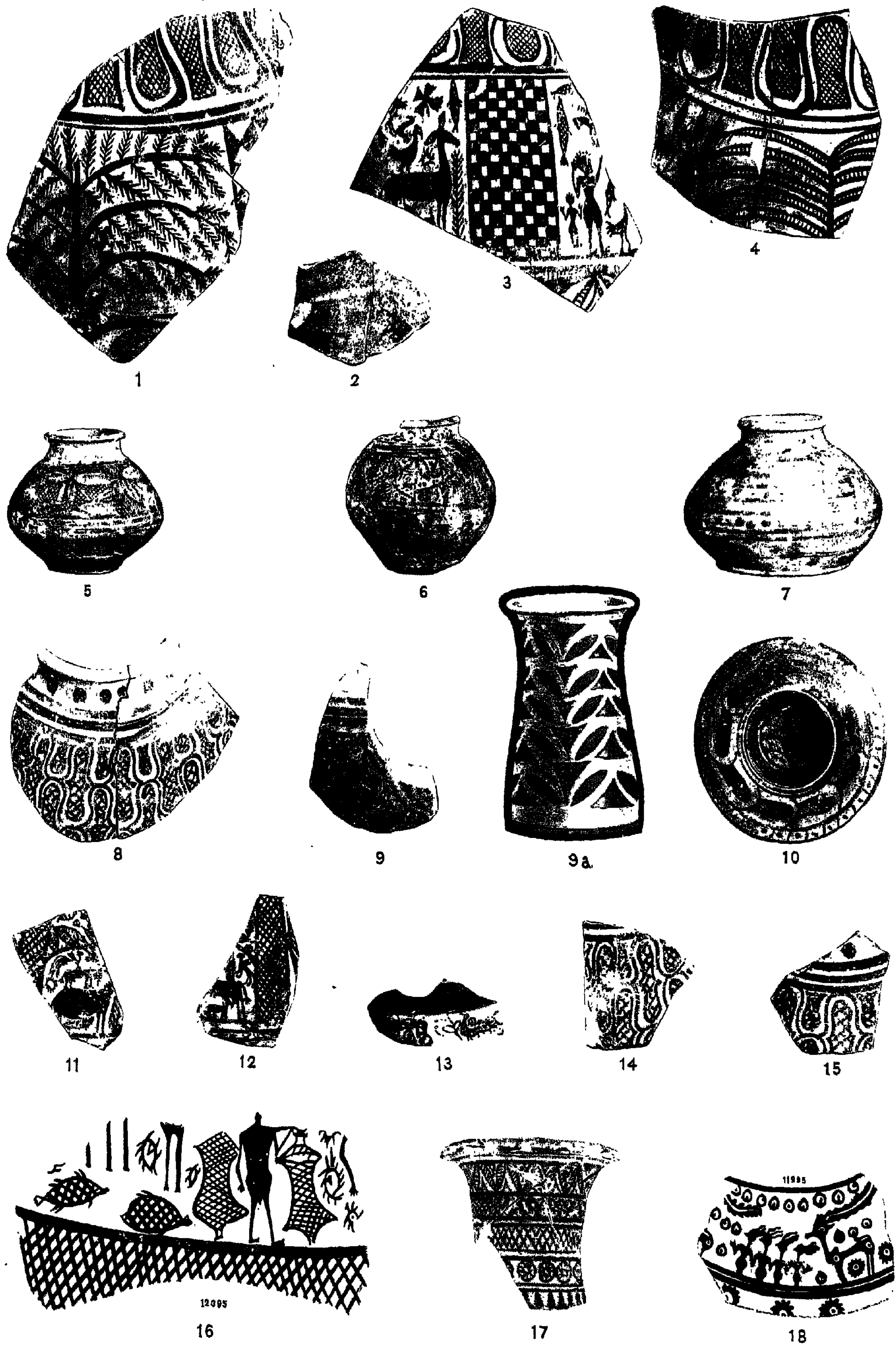
PAINTED SHERDS FROM MOUNDS TYPICAL OF BURIAL POTTERY.



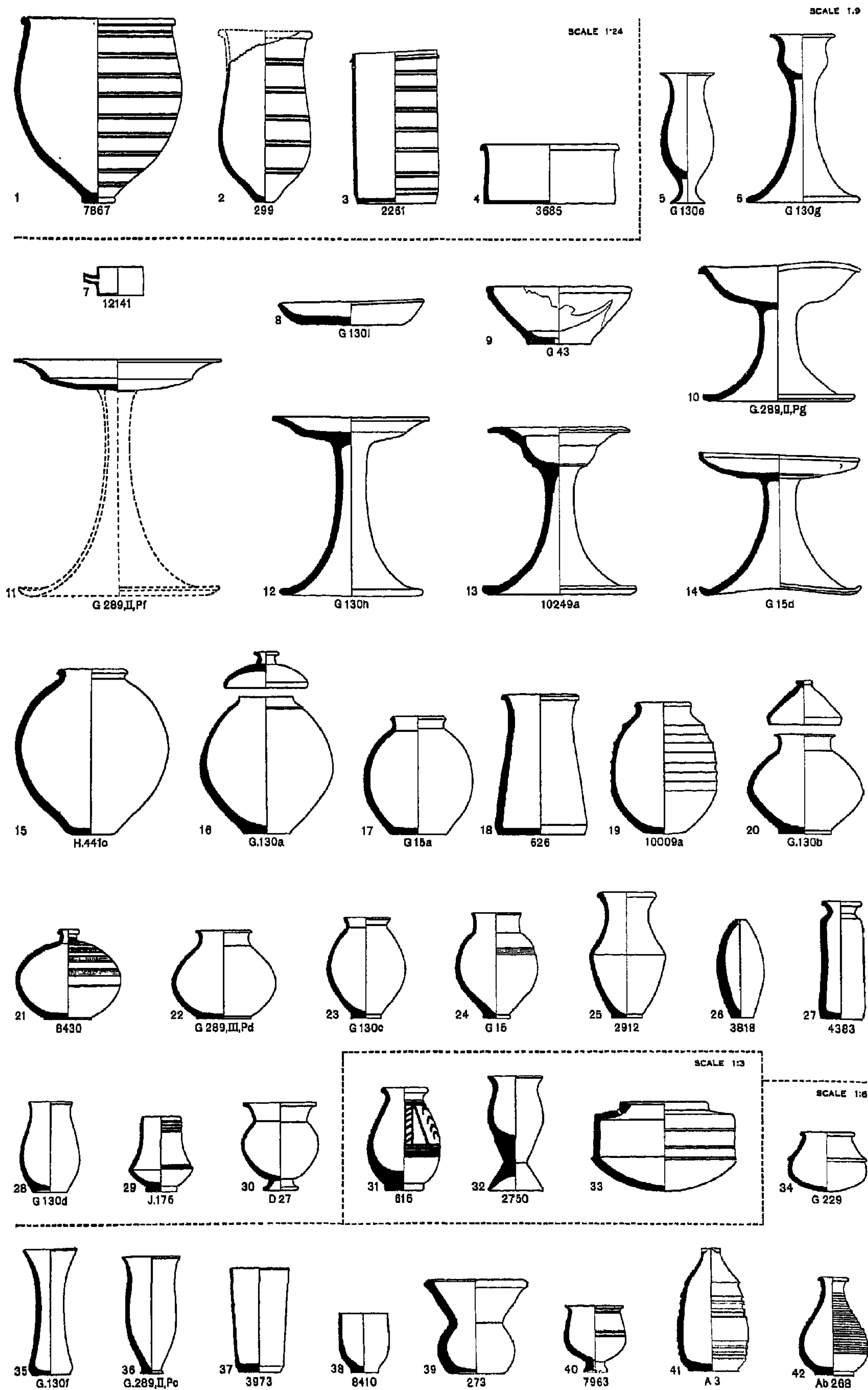
PAINTED SHERDS FROM MOUNDS TYPICAL OF HOUSEHOLD VESSELS.

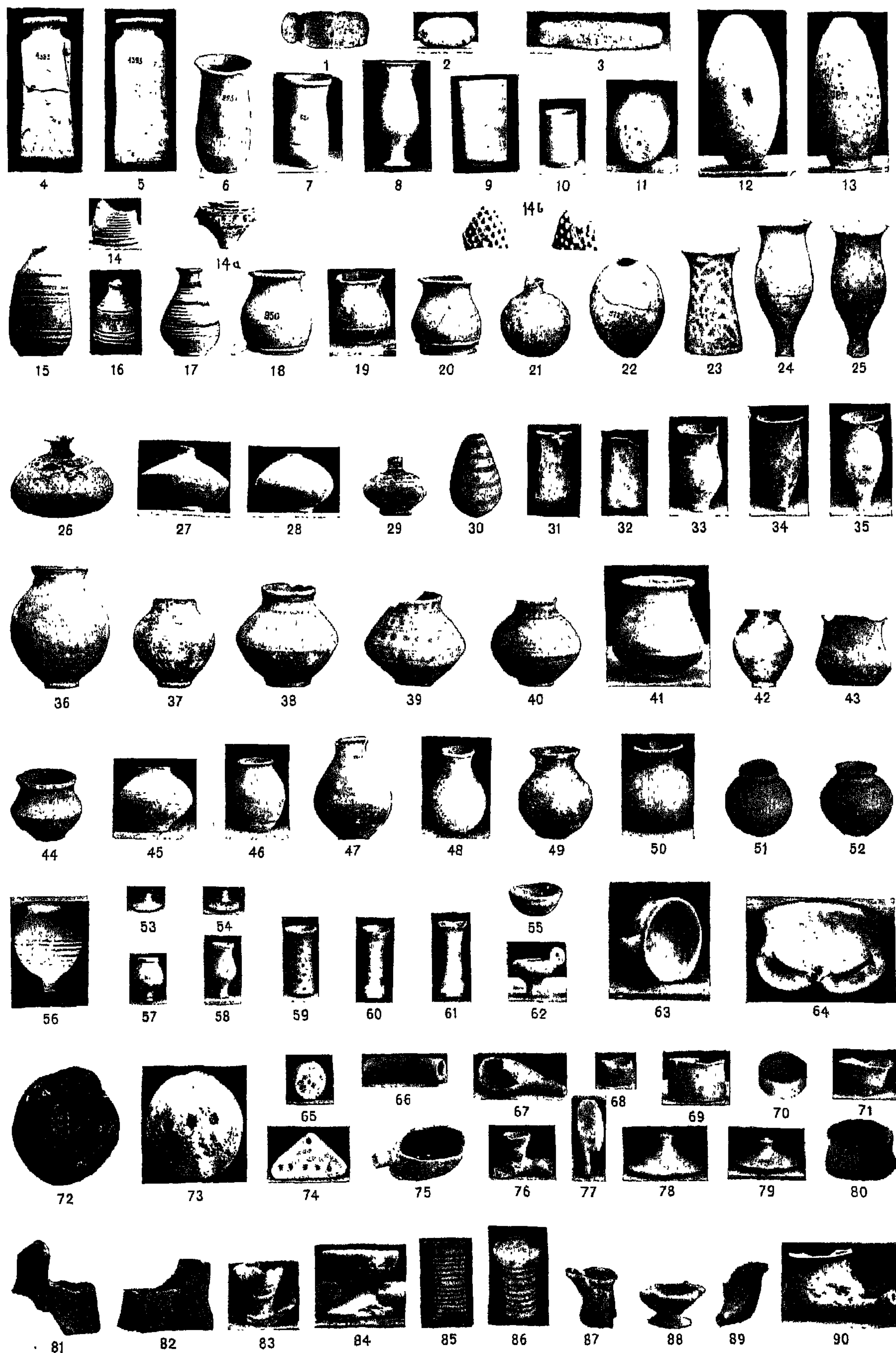


PAINTED SHERDS FROM MOUNDS TYPICAL OF HOUSEHOLD VESSELS.

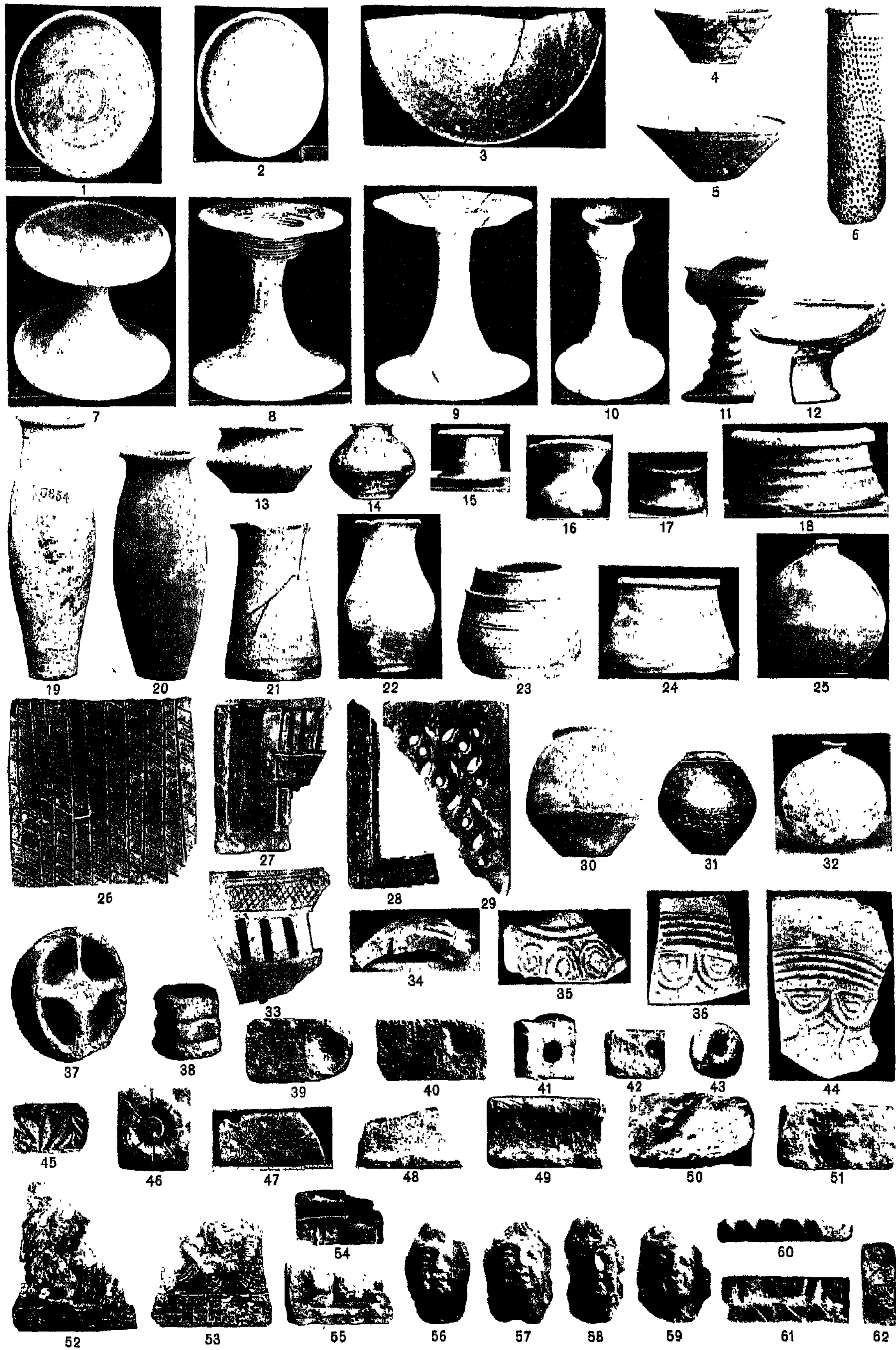


Painted Pottery from the Mounds.


SCALE 1:24
SCALE 1:9
SCALE 1:3
SCALE 1:6
1 7867
2 299
3 2261
4 3685
5 G 130e
6 G 130g
7 12141
8 G 130i
9 G 43
10 G.289,II,Pg
11 G 289,II,Pf
12 G 130h
13 10249a
14 G 15d
15 H.441c
16 G.130a
17 G 15a
18 626
19 10009a
20 G.130b
21 8430
22 G 289,III,Pd
23 G 130c
24 G 15
25 2912
26 3818
27 4383
28 G 130d
29 J.176
30 D 27
31 616
32 2750
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34 G 229
35 G.130f
36 G.289,II,Pc
37 3973
38 8410
39 273
40 7963
41 A 3
42 Ab 288



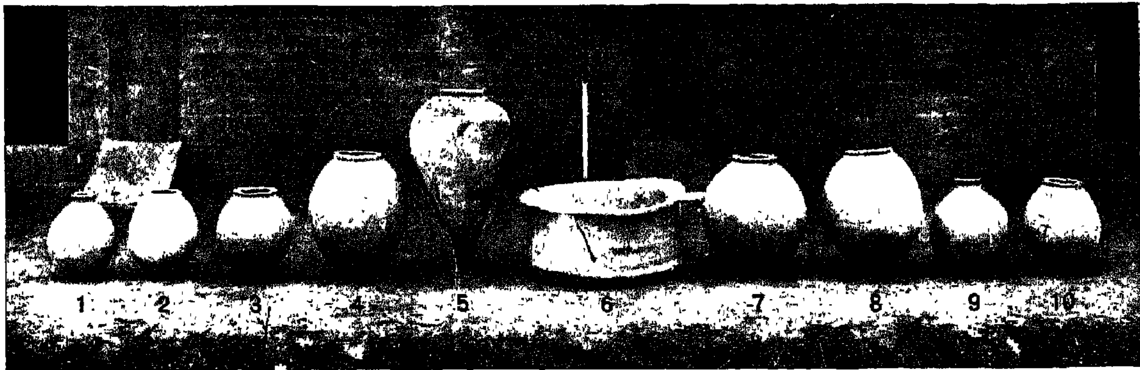
MISCELLANEOUS POTTERY.



VESSELS AND MISCELLANEOUS OBJECTS OF TERRACOTTA.



MISCELLANEOUS OBJECTS FROM HARAPPA AND KOTLA NIHANG, AND POTTERY TYPICAL OF CEMETERY H FROM HARAPPA.

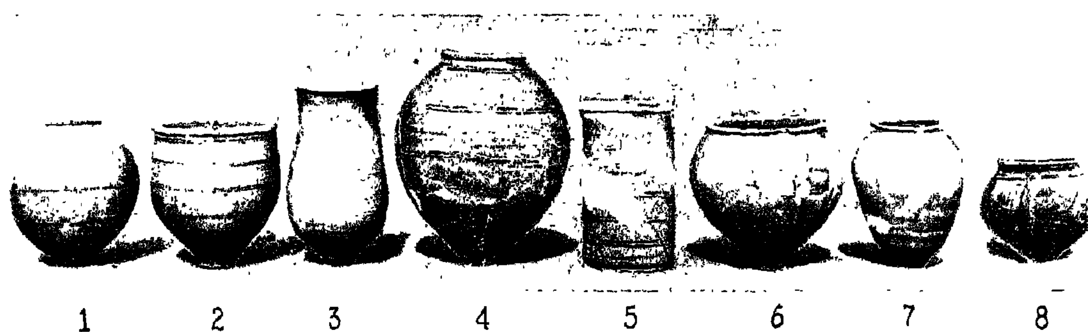


(*a*) COMMON TYPES OF HOUSEHOLD JARS FROM HARAPPA.

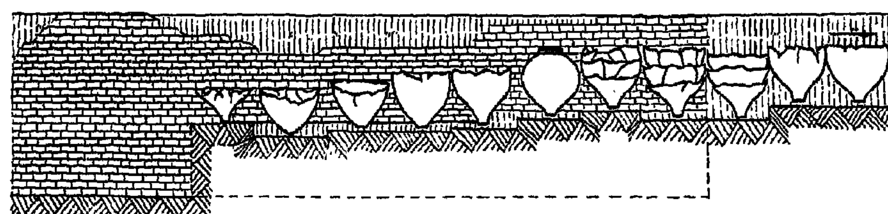
(*c*) POTTERY OBJECTS.

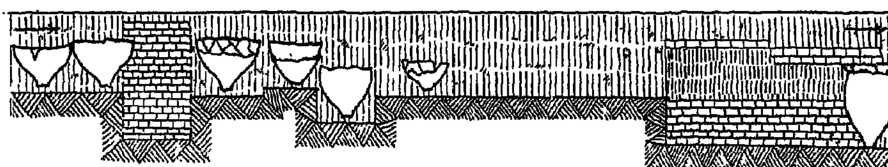
(*b*) MISCELLANEOUS OBJECTS FROM CHAK PURBANE SIYAL.

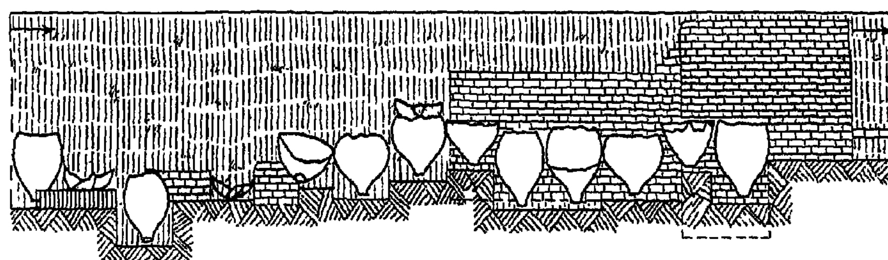
(*c*) POTTERY OBJECTS.

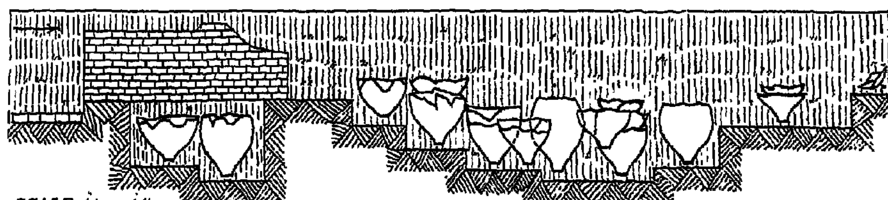


(*a*) COMMON TYPES OF POST-CREMATION URNS.

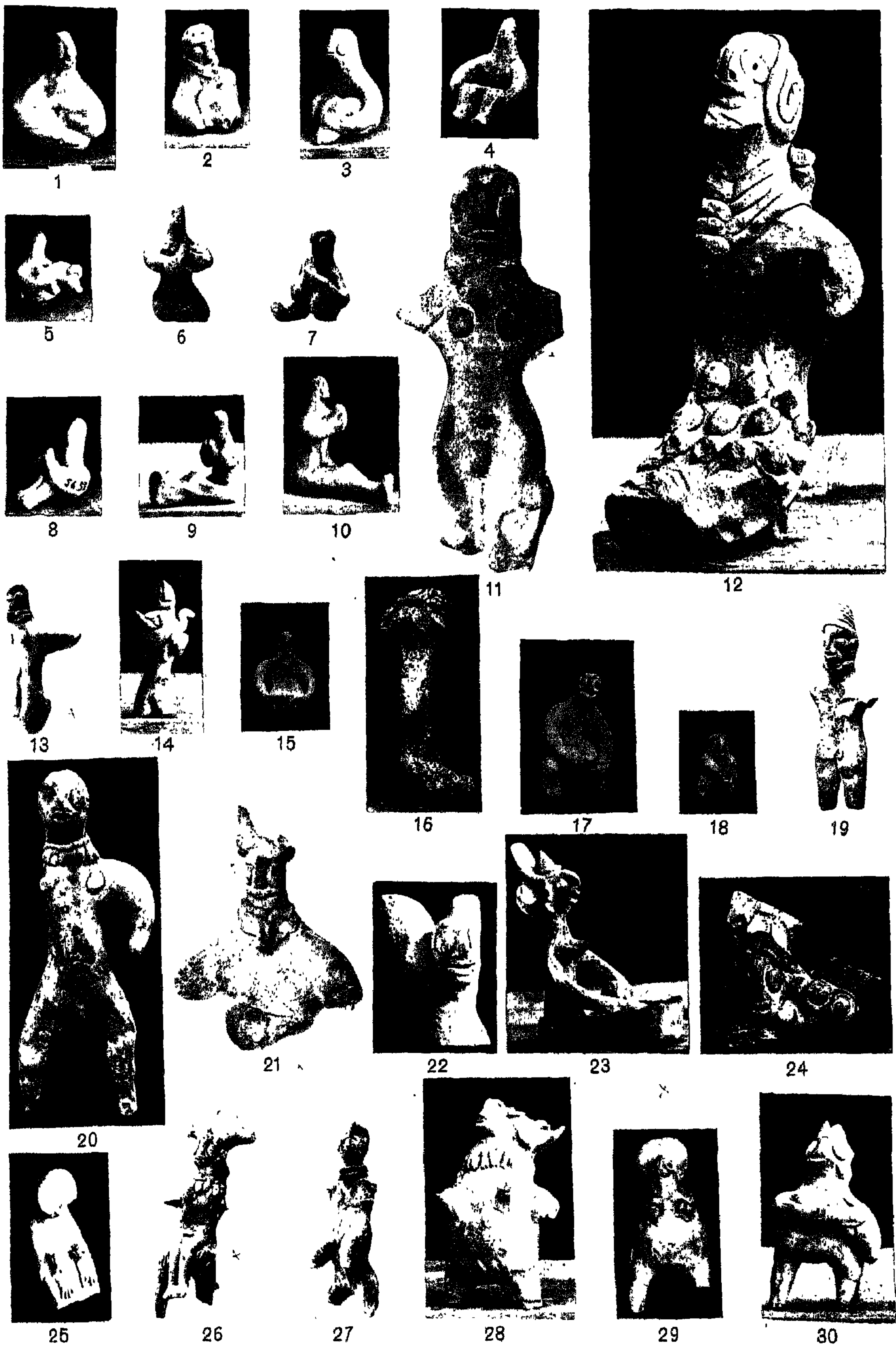








MOUND AB, TRENCH AT THE SOUTHERN EDGE.
ROW OF POST-CREMATION URNS, LOOKING SOUTH.



TERRACOTTA.HUMAN FIGURINES.


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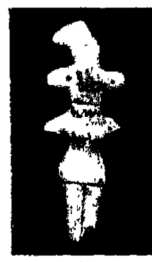

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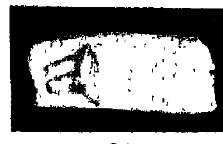

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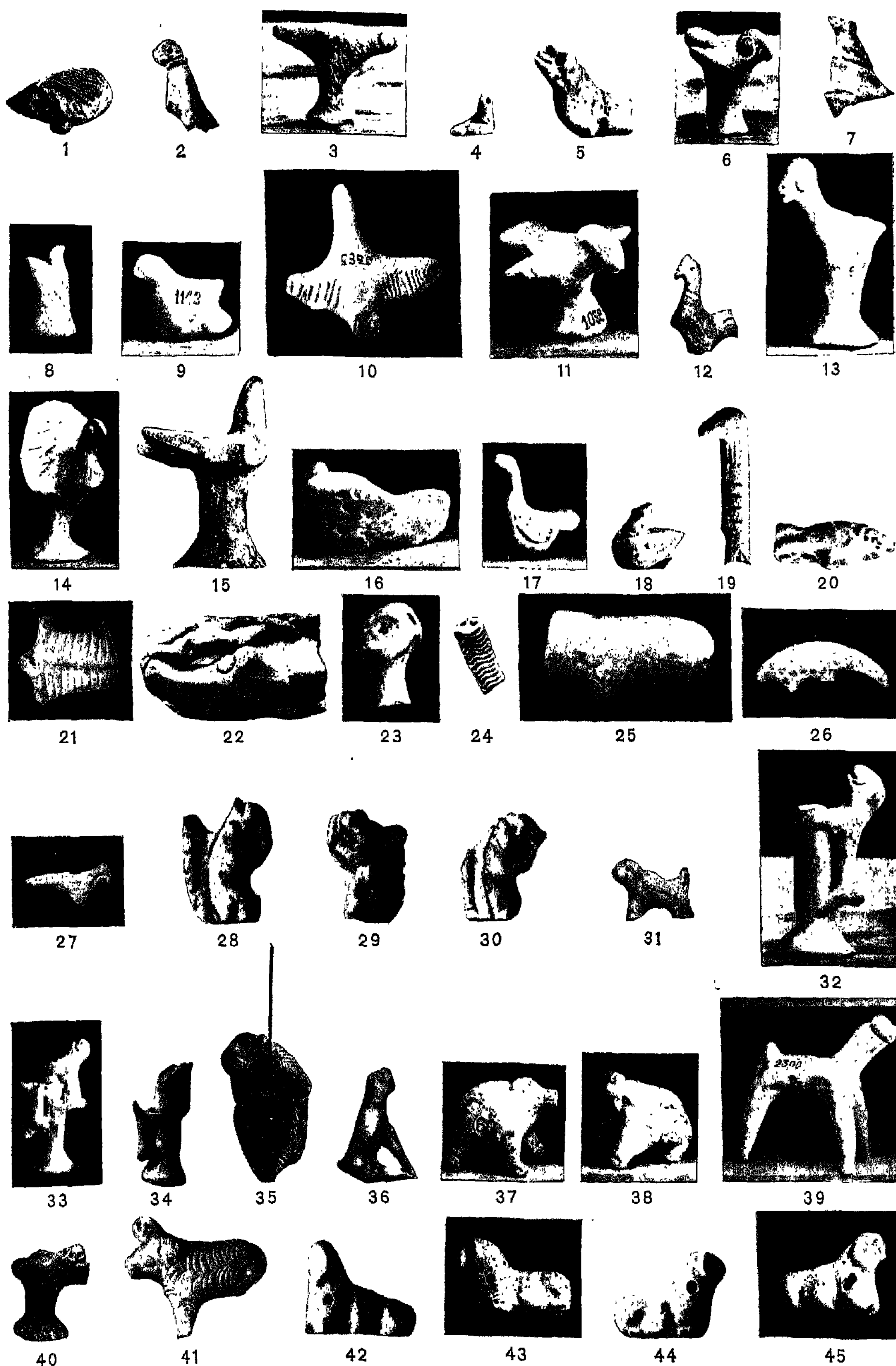

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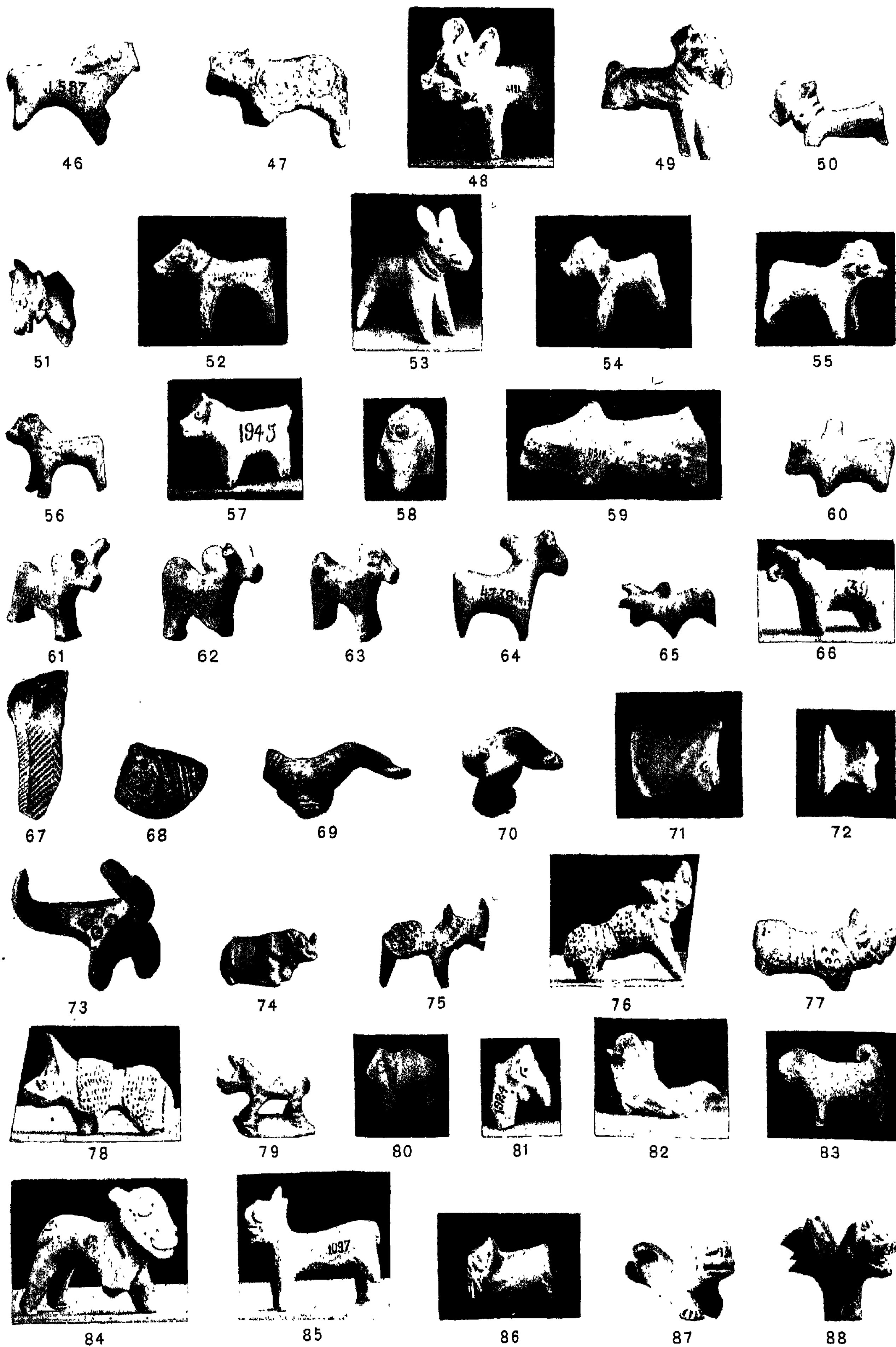

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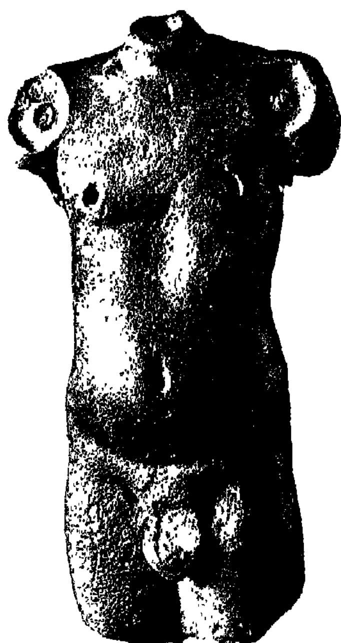
TERRACOTTA HUMAN FIGURINES.



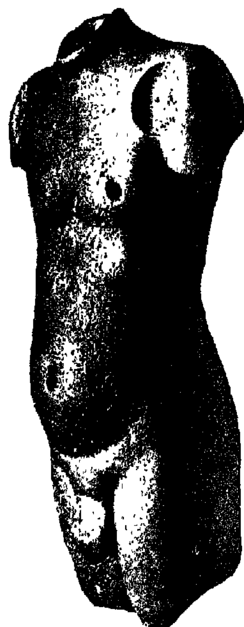
ANIMAL FIGURINES OF TERRACOTTA, FAIENCE, STONE, ETC.



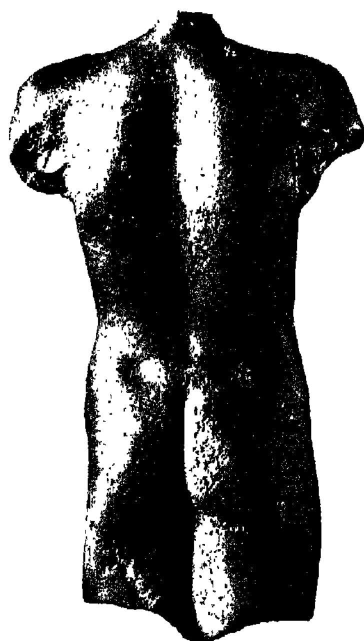
ANIMAL FIGURINES OF TERRACOTTA, FAIENCE, STONE, ETC.



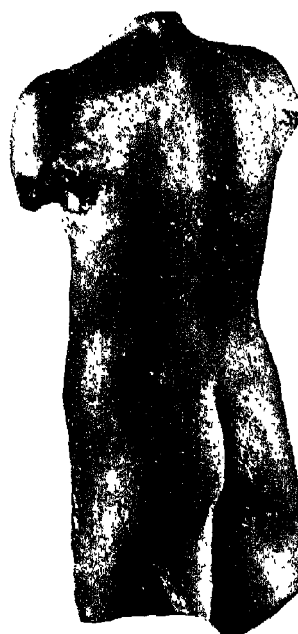
(a)



(b)

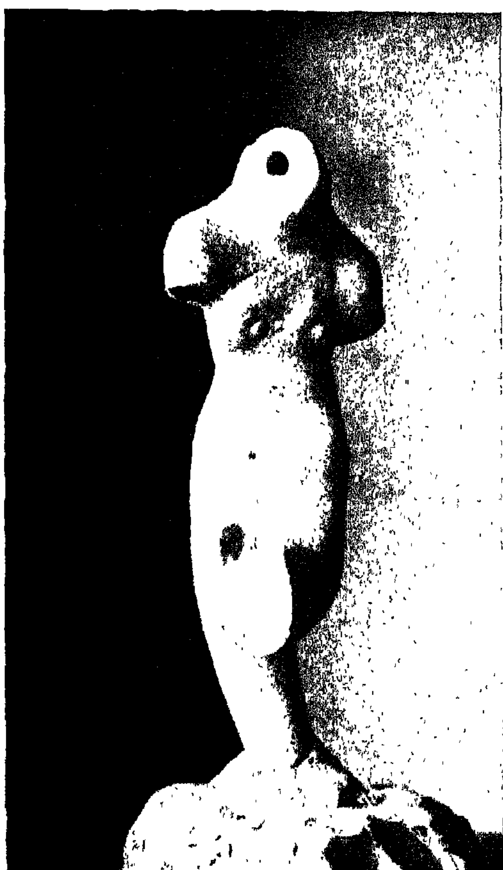


(c)



(d)

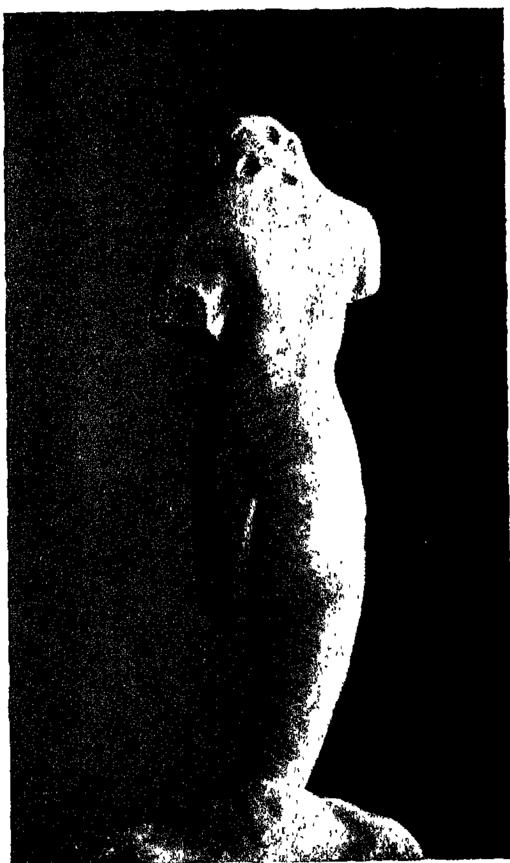
STATUETTE OF RED SANDSTONE NO. 9042 FROM TRENCH IV.



(*a*)



(*b*)

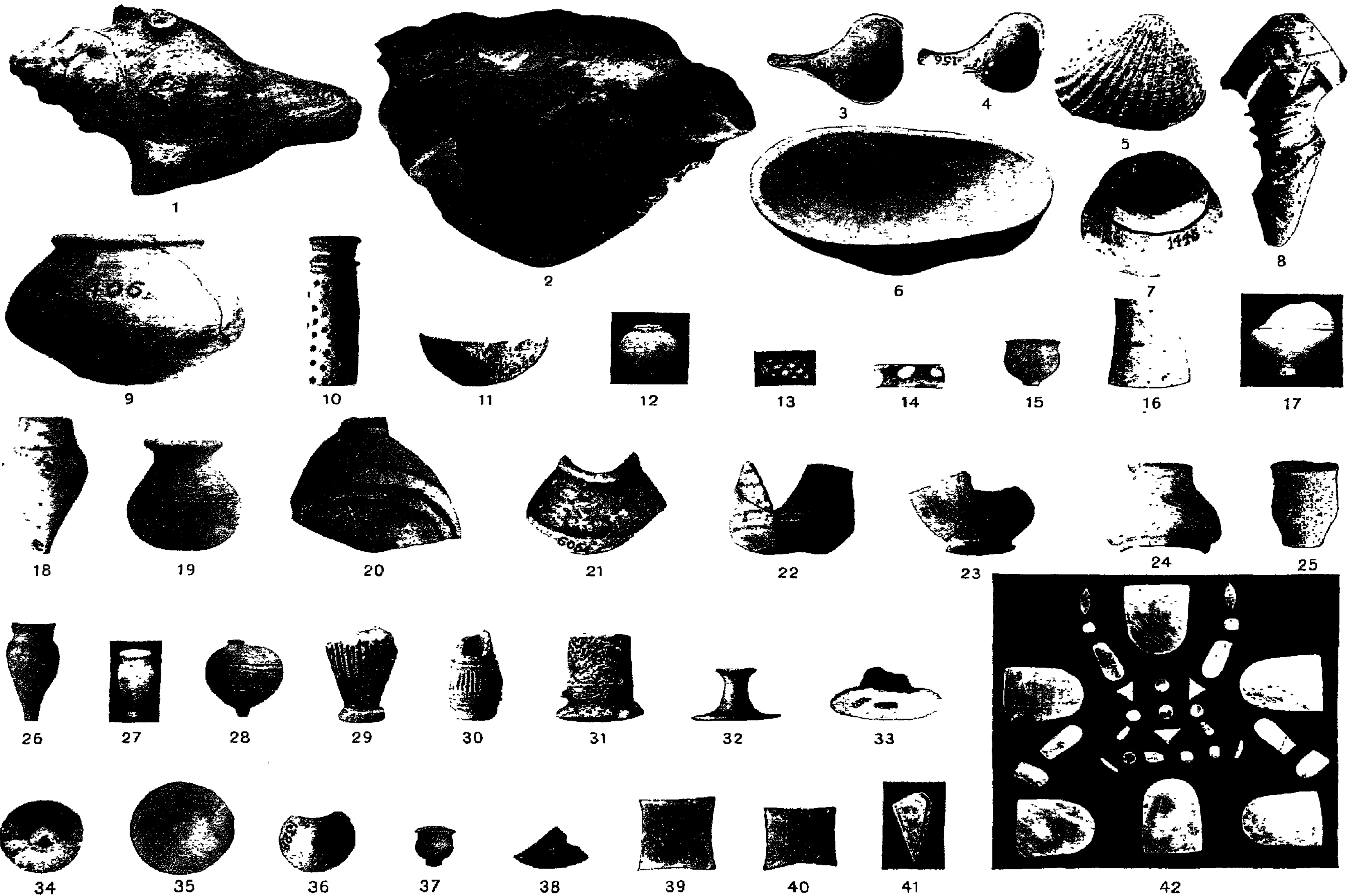


(*c*)

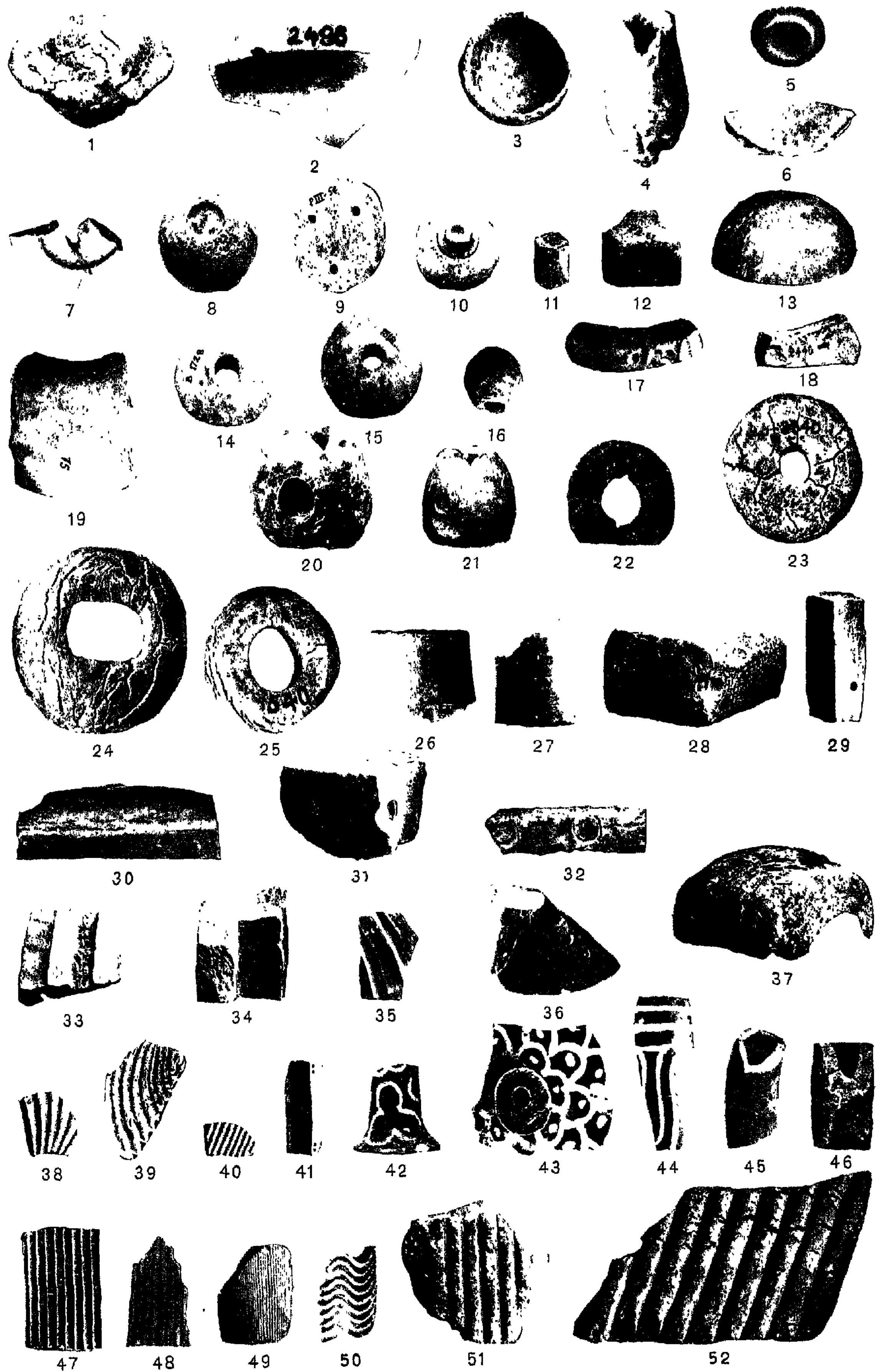


(*d*)

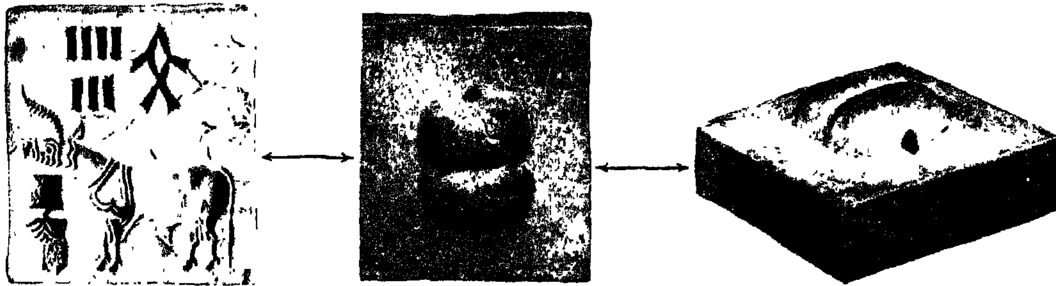
STATUETTE OF GREY STONE No. Ab 959 FROM THE CENTRAL AISLE OF THE GREAT GRANARY.

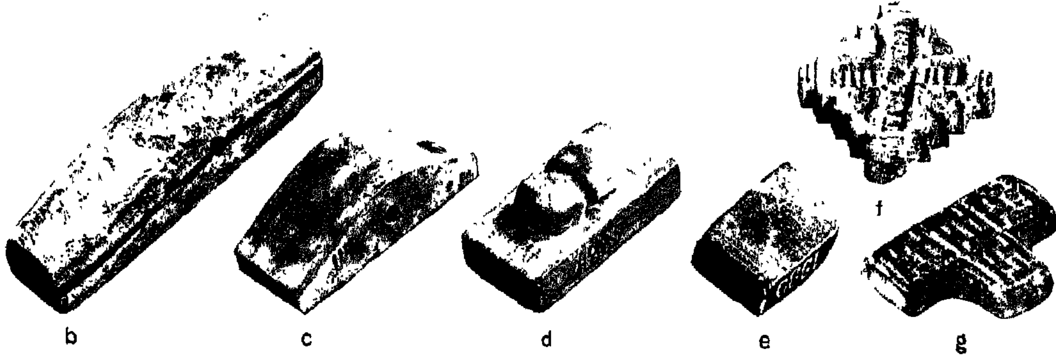


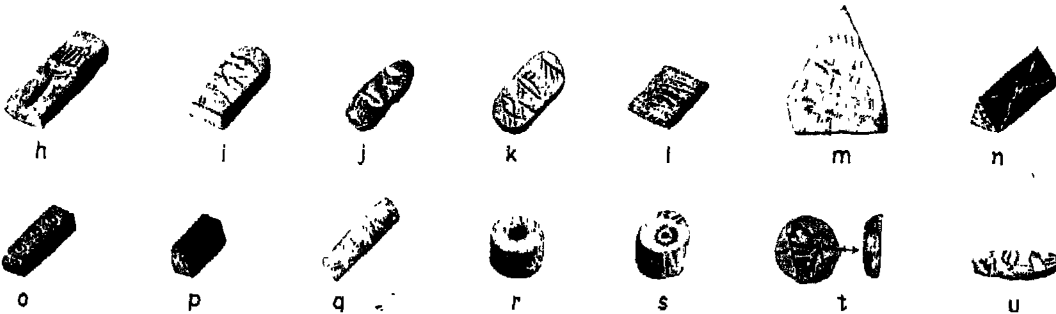
MISCELLANEOUS OBJECTS OF *sankh*, FAIENCE AND STONE.



STONE VESSELS, MACE-HEADS AND OBJECTS OF TECHNICAL INTEREST IN STONE AND FAIENCE.

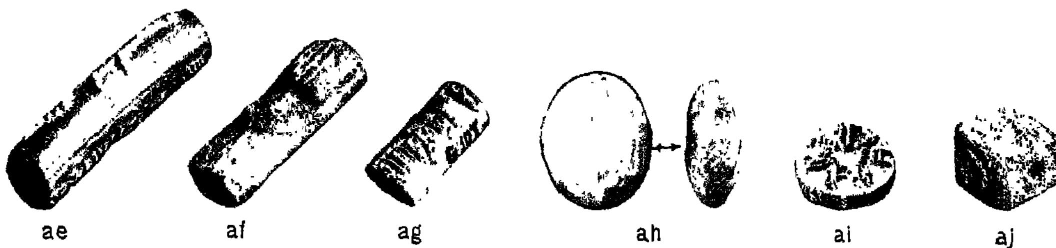

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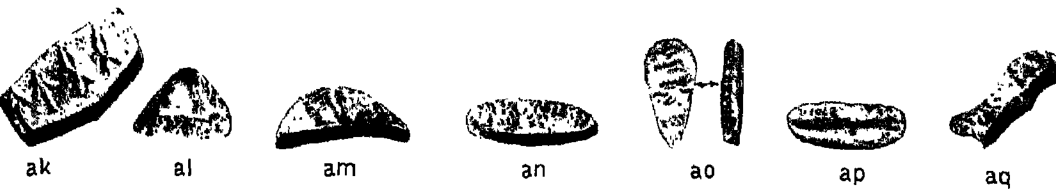

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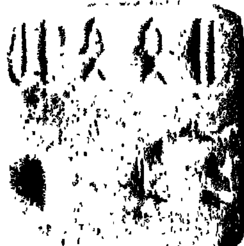

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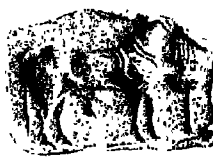

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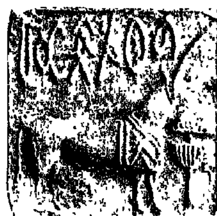

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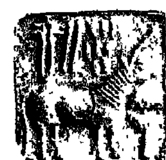

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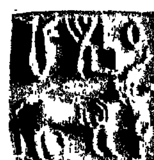

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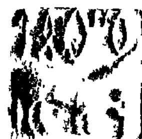
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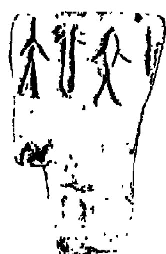
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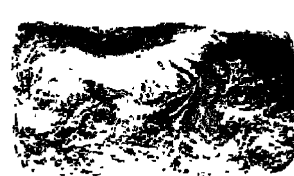

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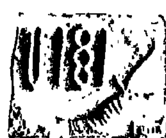

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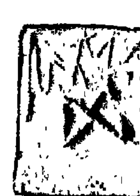

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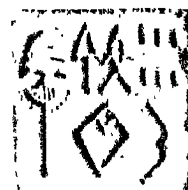

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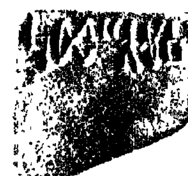

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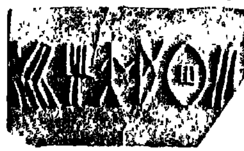

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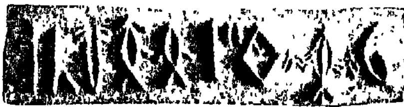

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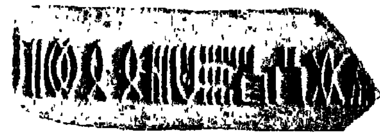

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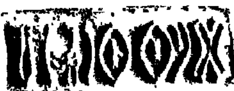

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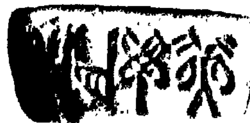

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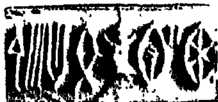
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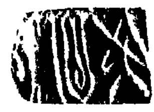

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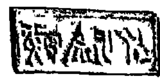

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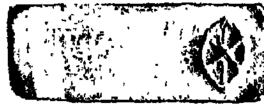

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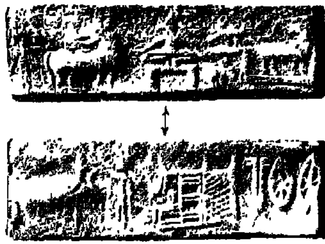

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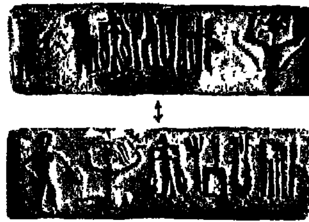

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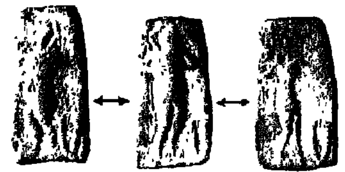

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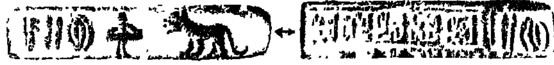

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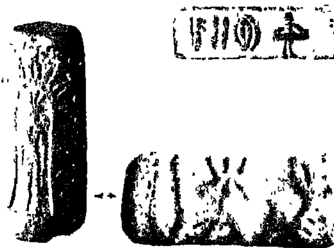

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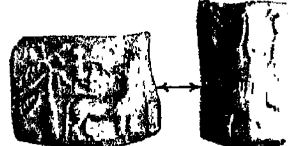

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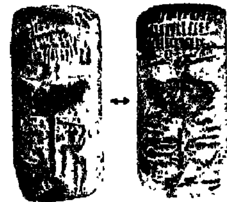

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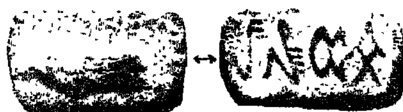

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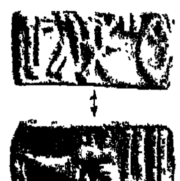


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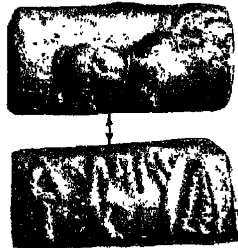

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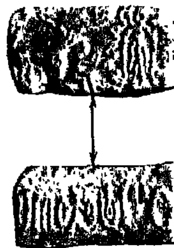

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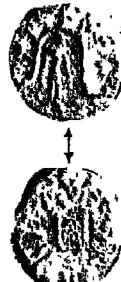

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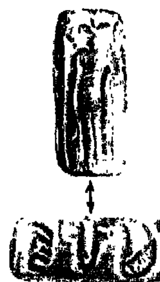

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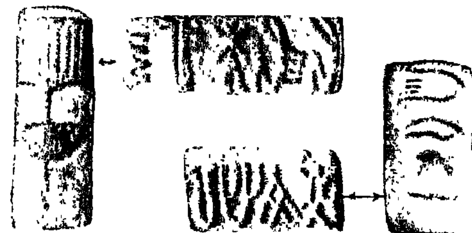

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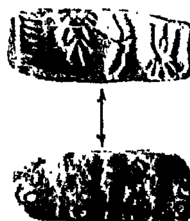

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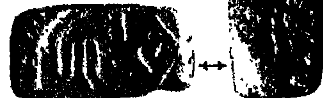

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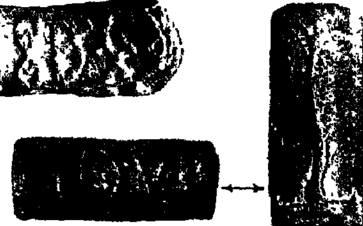

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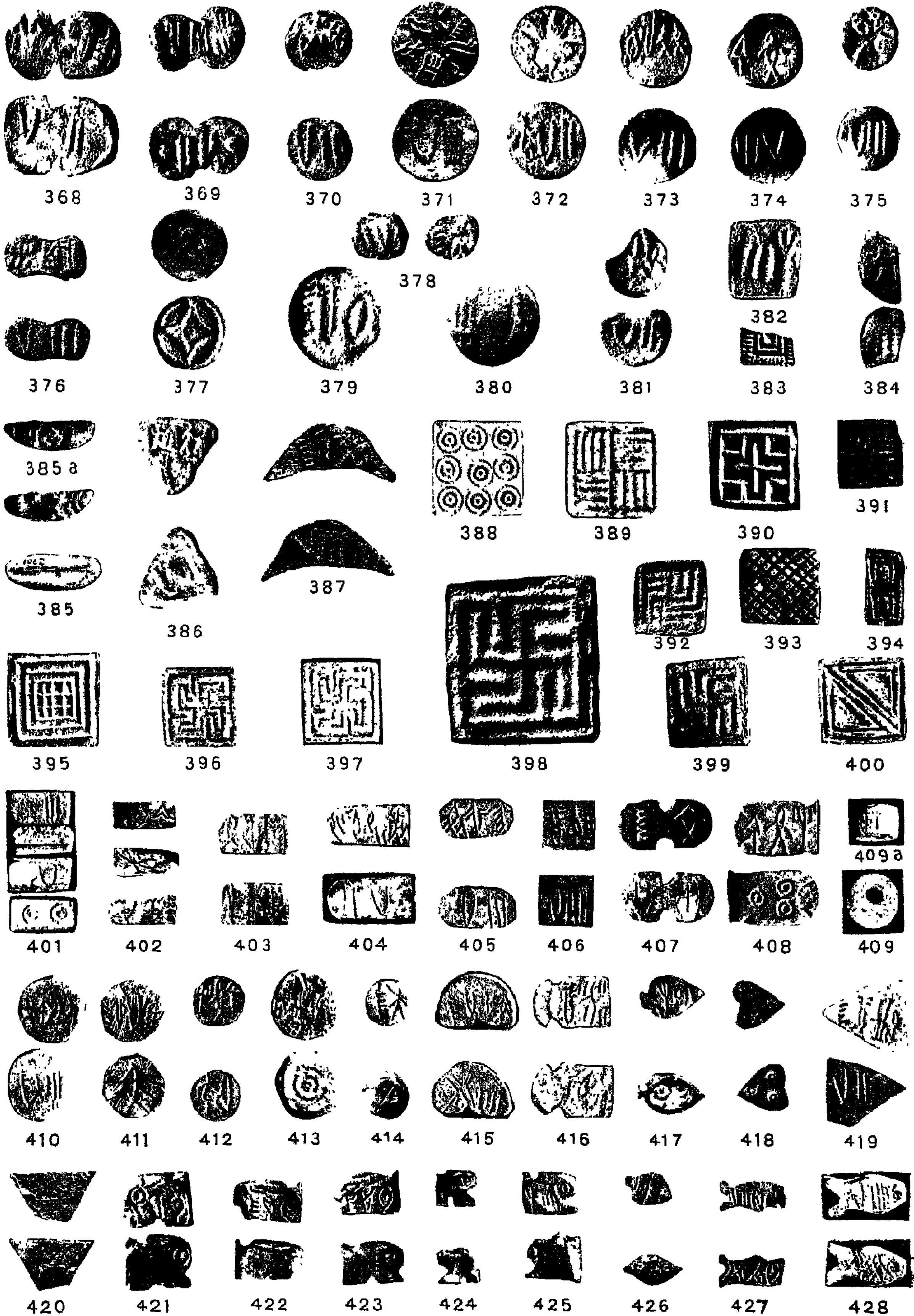

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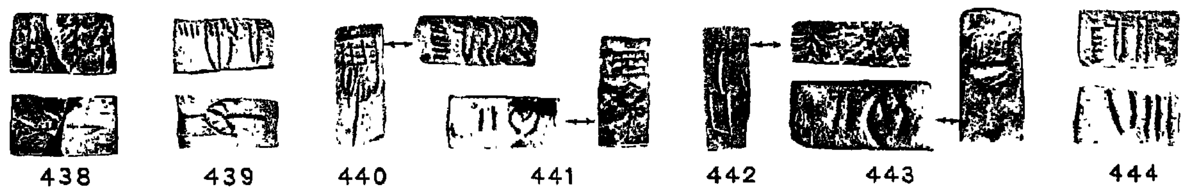

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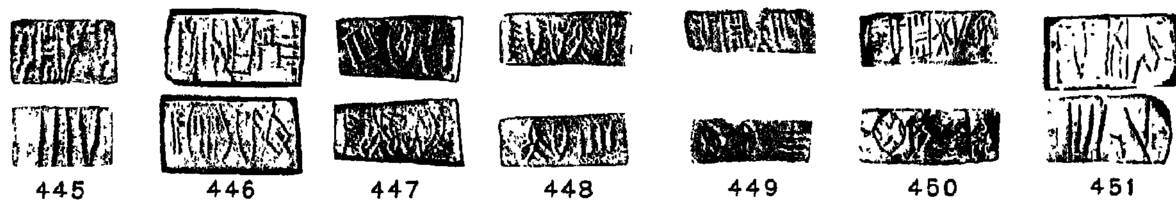

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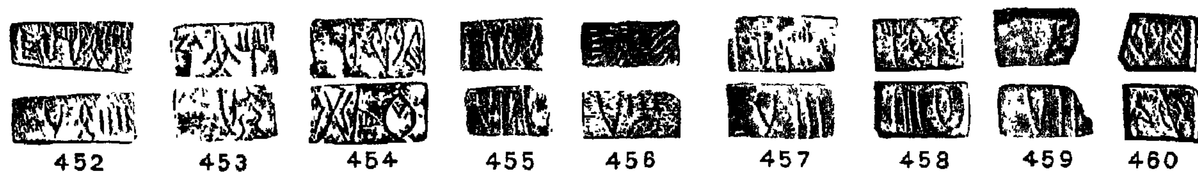

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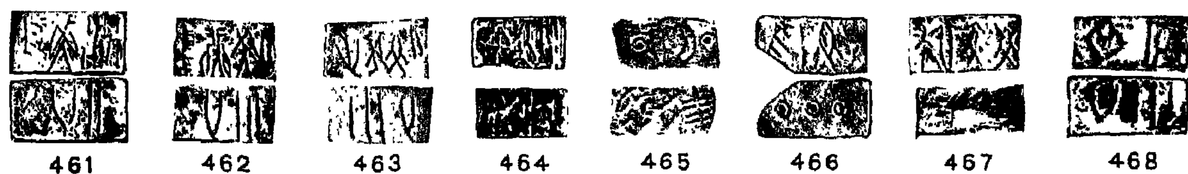

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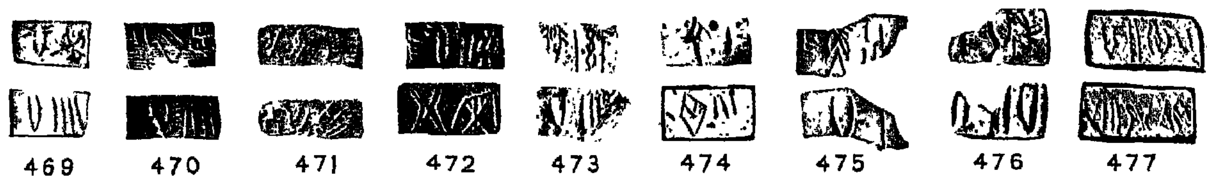

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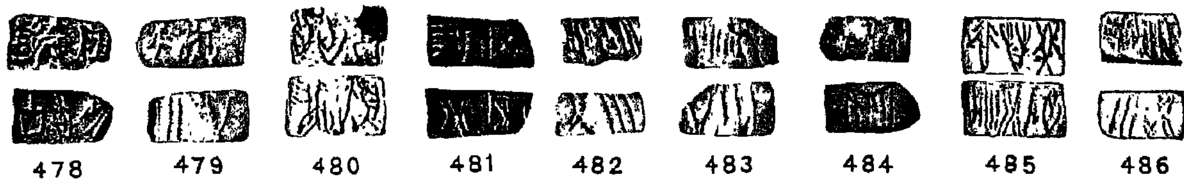

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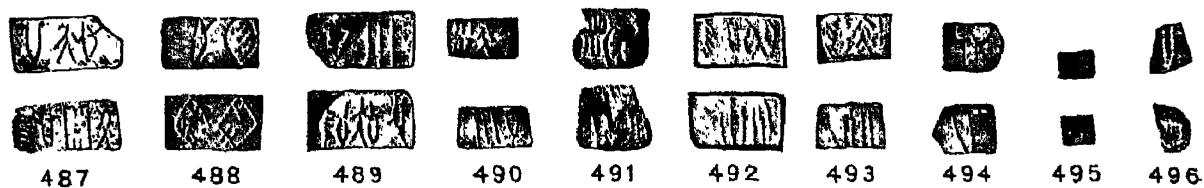

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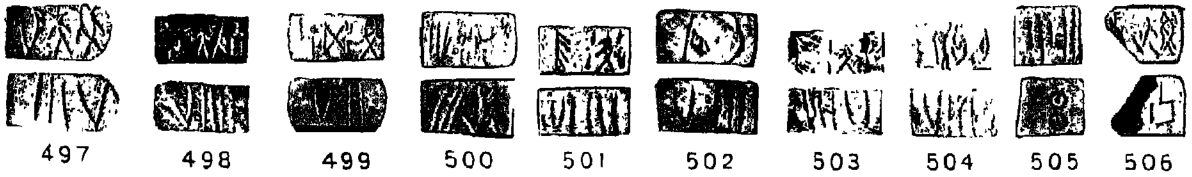

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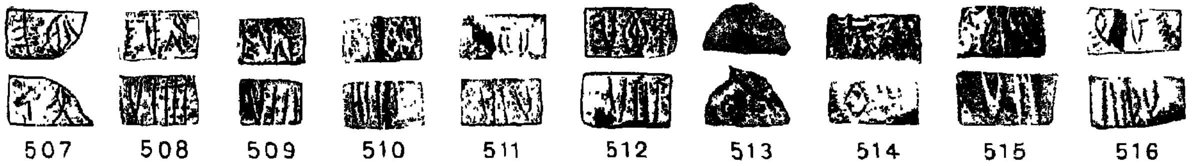

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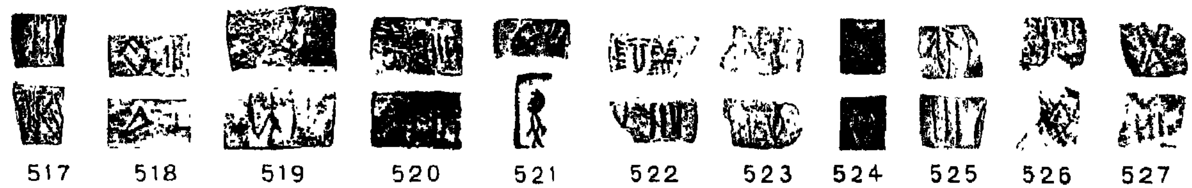

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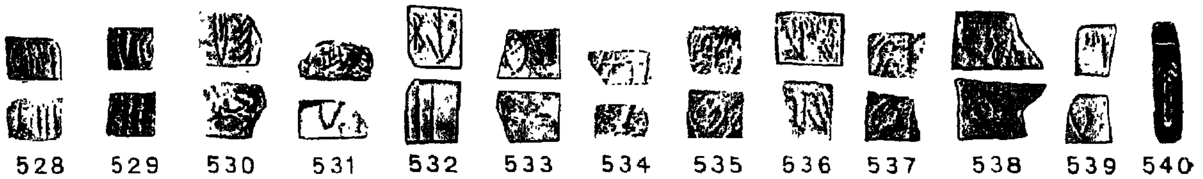

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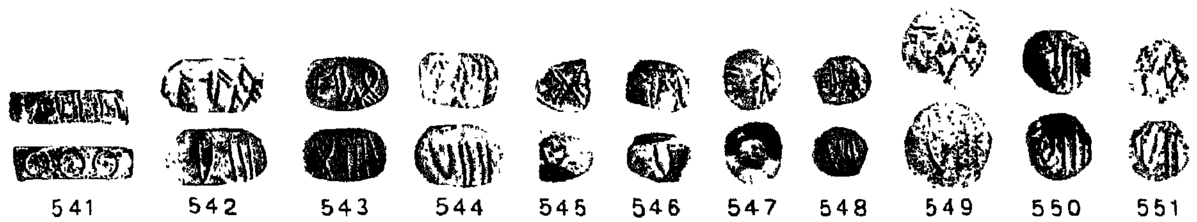

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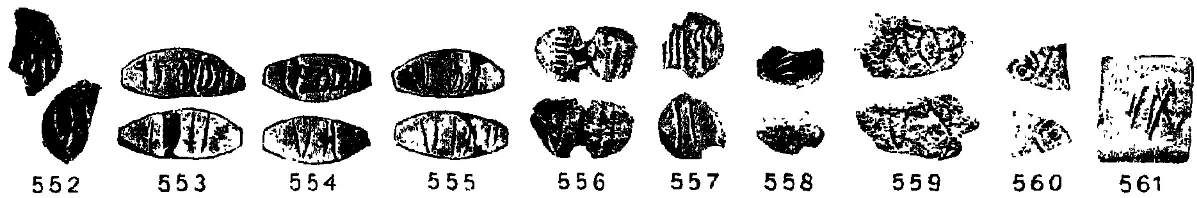

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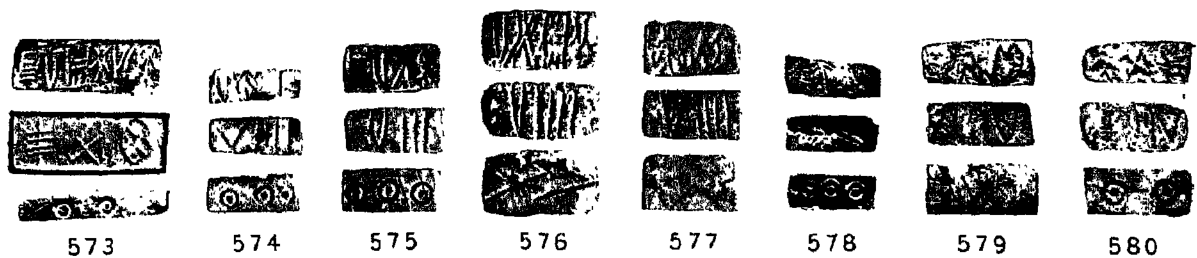

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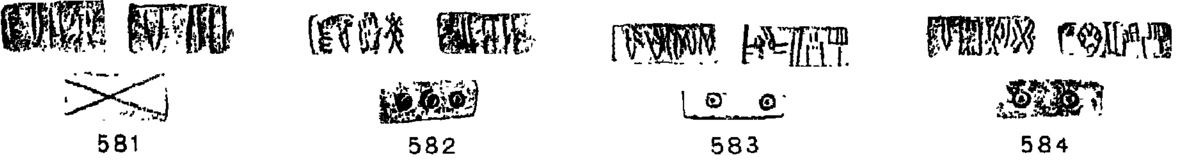

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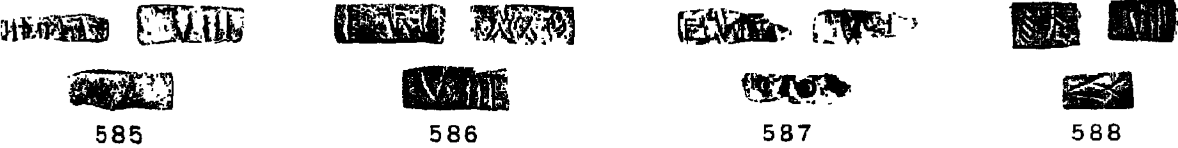

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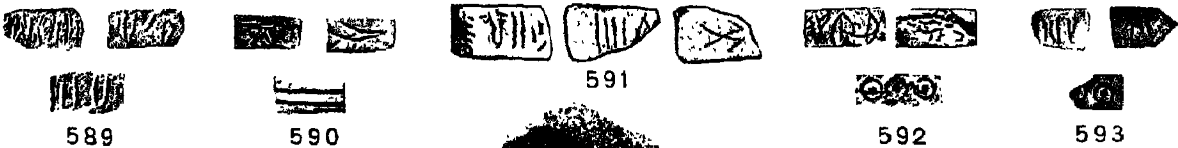

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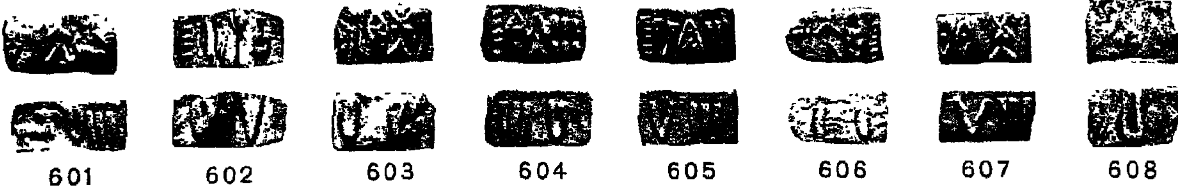

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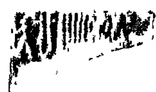
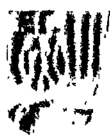
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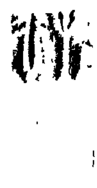
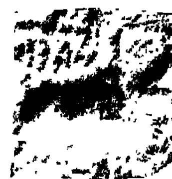
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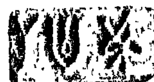
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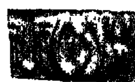
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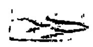
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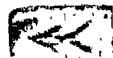
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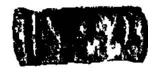
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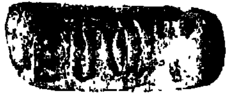
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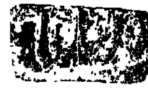

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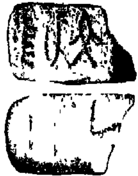
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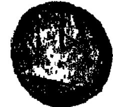




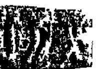


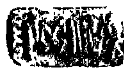


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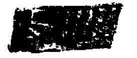





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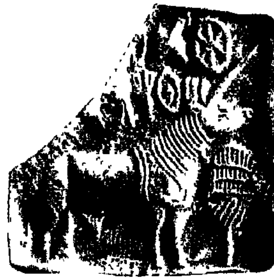





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SEALS, SEALINGS, INSCRIBED BALL AND POTTERY.


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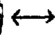

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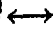
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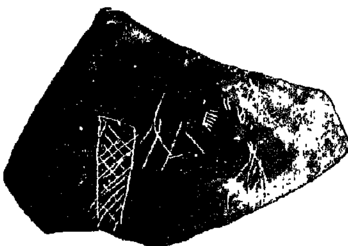



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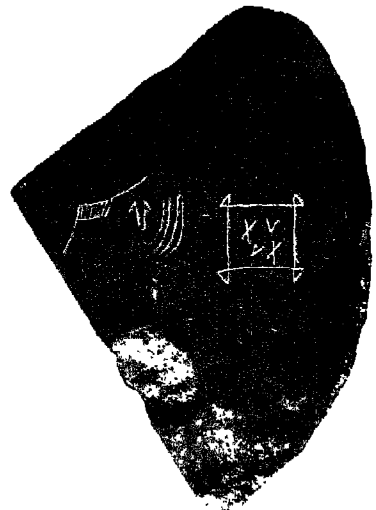

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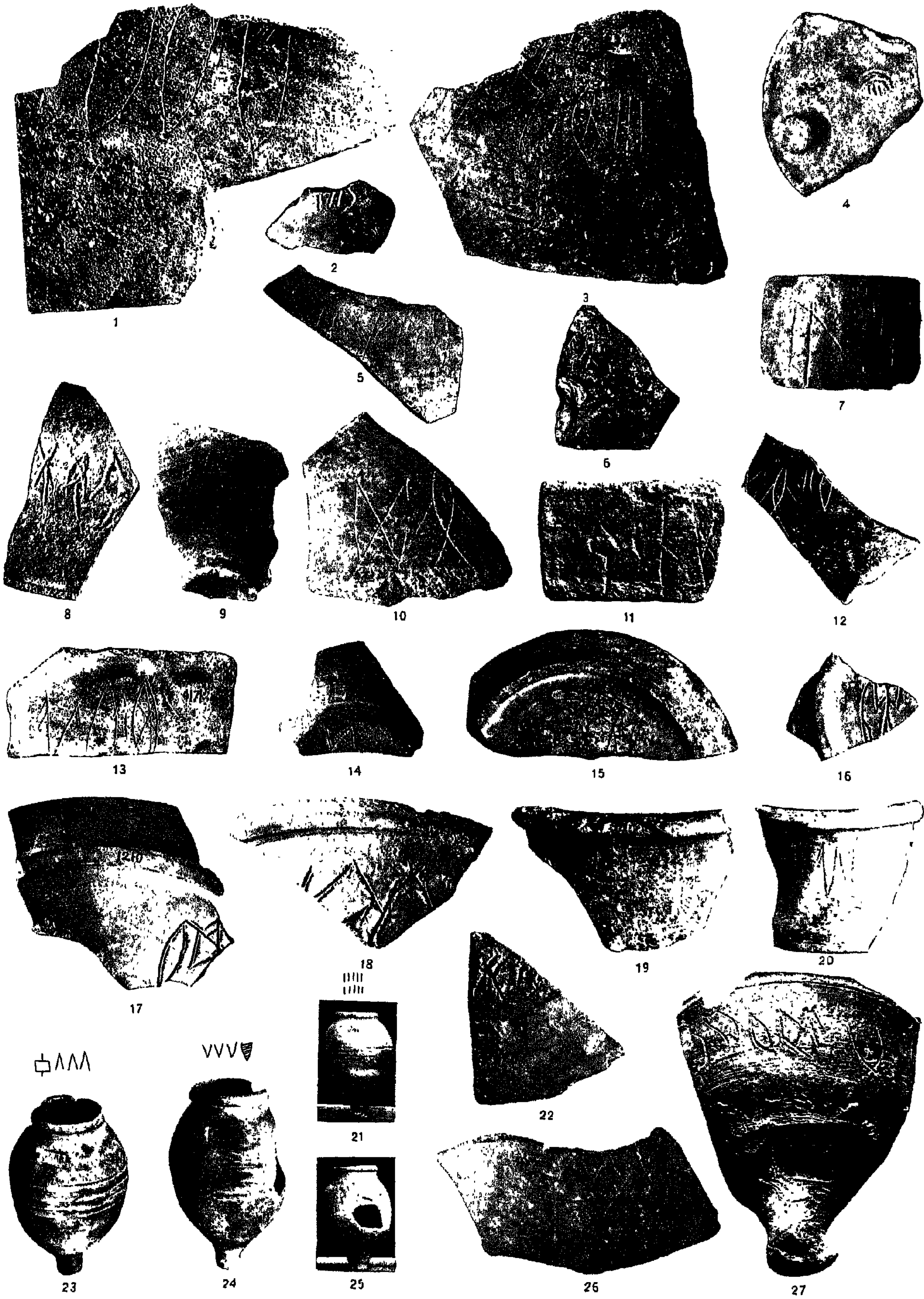

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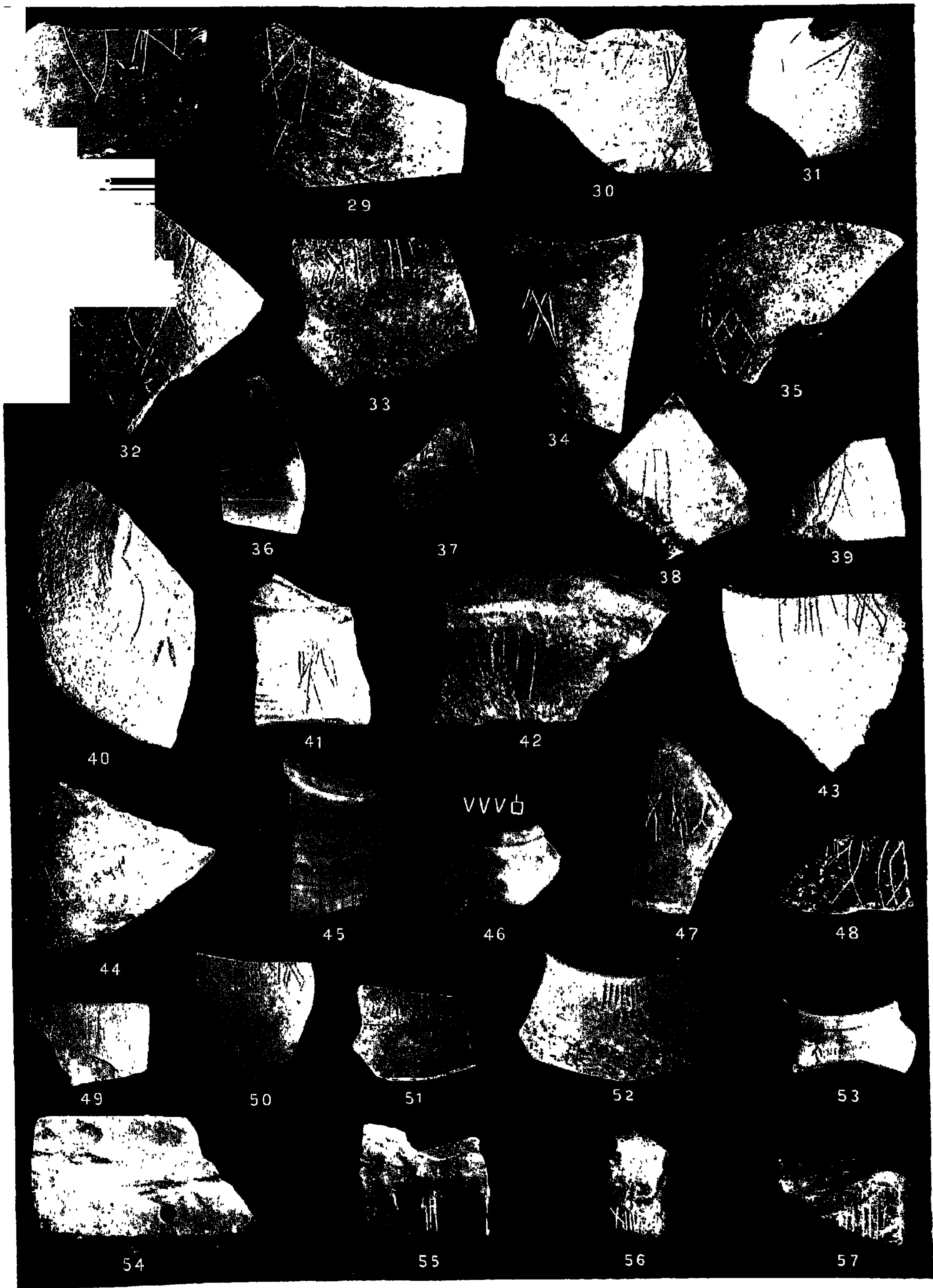

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Inscribed pottery.



INSCRIBED POTTERY AND THREE INSCRIBED FRAGMENTS OF STONE.



INSCRIBED POTTERY.

Group	No.
	12215
1	12420
	J-322
	1265
	11305
	9080
	11559
	11304
	11266(a)
	11233
	12150
	H-637
	2367
	1692
	2700
	12750
	11077
	G-107
	A(b)130
	5389
	2893
	1872
	10142
	10965
2	10226
	11852
	10929
	741
	12132
	PI-44
	J-581
	A(i)97
	B-294
	5634
	A(a)279
	2482
	4076
	10625
	11379
	12066
	201
	11291
	11798
	12216

Group	No.
	10142
	4058
	2540
	11458
	5254
	J-361
	J-329
	3508
	5534
	A-233
	B-951
	4079
	J-493
	J-213
	PI-42
	3170
	J-456
	A(a)563
	2789
	7354
	J-256
	11022
	1200
	2961
	B-191
	10061
3	12104
5	PI-39
	J-46
5a	12493
	1172
6	12420
	1379
	12416
	J-463
	D-38
	11233
	A-263
	2961
	9041
	11942

Group	No.
	1591
	11379
	3716
	12377
	G-107
	10997
	A(a)553
	12493
	A(a)922
	7354
	4041
	7155
	3611
	10960
	PII-53
	H-611
	1500
	4553
	11630
	11795
	474
	4015
	J-481
	10831
	7006
	5436
	A-214
	11649
	11039
	5975
	PIII-7
7	11332
	8718
	G-217
	10695
	PIV-114
	8650(b)
	4703
8	12035
	A(a)279
	J-213
	6350

Group	No.
	12461
	12574
8a	
	11136
9	12581
	4179
	4043
	8650(a)
	94
	10740
	3757
	11705
	5399
	8650(b)
	J-28
10	
	12548
11	J-403
	J-30
	11695
	3611
	12251
	12721
	10185(b)
12a	
	11331
12b	
	A(i)16
13	12549
	10102
	2463
	5152
	B-summit
14	A(b)62
	115
15	11597
	A-441
	7591
	12185

Sign	No.
	2700
	J-630
	4042
	A-263
	1056
	11458
	2281
	PIV-114
	2630
×	
16a	12216
16b	11291
17	PI-40
	J-449
	1235
17a	12104
17b	10061
18	4765
	10242
	11942
	A(i)9
	7354
	PII-21
	7411
19	1172
	4044
	J-30
	12251
	J-28
	10831
	11331
	11942
	1244
	4795
20	A(i)9
	J-494
	7663
	11331

Sign	No.
	J-630
	1692
	PI-2
× 23 ×	3611
25	PI-42
	7113
26	11458
	2867
	A(a)102
	2961
× 28	5083
	11359
× 31	12415(a)
	PIV-114
	10102
	1697
	11467
	2281
	12538
	4531
	180
	PI-42
32	2257
	J-273
32a ×	J-455
36	1009
	4965
	3771
	10242
	21
	12721
37	3716
37a	PI-42
	PI-41

Sign	No.
	B-191
37b	474
	A(b)553
38	J-219
	3758
39	3482
	2266
	3771
	3508
	8921
	11369
	PI-2
	J-579
	8360
	PII-21
	3170
	12537
39a	11853
	12721
40	2630
	11696
	649
	J-329
	A-214
	J-213
	7786
	5211
	11476
	5542
	10779
	1172
	12715
† 40a	H-715
	J-403
40b	12721
40c	12060
	11715
×	

Sign	No.
41a	H-605
	10011
41b	J-46
41c ×	11554
43	12751
	10818
	272
	11696
	398
	H-160
	A(b)922
	3725
	A(b)130
43a ×	21
47	11756
	10830
	11390
	10242
	12537
	3170
	116
	4765
47a	4531
	4078
48	11452
	11626
	11458
	J-455
	PII-23
	9041
48a ×	10835(a)
50	10178
	PI-2
	A(a)102
50a	5388

Sign	Number
	4531
50b	10086
53a	8150
55a	7786
59a	2266
60	3772
	J-462
62	11369
	12537
	PII-21
63a	12160
	10409
64a	12562
	4079
	10011
65	2253
	11715
	J-329
	A-214
	J-213
	8350
	10059
66	10069
	4795
	781
	J-481
	11361
	PI-4
	1199
	1240
	4058
	10985
	10310
	11333
	945

Sign	Number
	5551
	11359
	G-107
	3725
	116
	1591
67	PI-4
68	1842
	10137
	A-233
	G-217
	10997
	11305
	10835(a)
	10103
	12493
	J-463
	12377
	PIV-114
	7411
	H-80
	4252
69	1872
	4432
	A(a)102
	2789
	7098
	2630
	114
	10695
	3725
	H-637
	180
	3170
	10831
	8350
	3545
	11942
	116
	A-336

Sign	Number
73	10361
	H-611
	11466
	5534
	J-28
	5082
	9041
	11417
	11022
	B-101
	J-361
	10318
	A(a)106
	B-951
	PI-40
74	117
	145
75	11449
	J-394
	10142
	11381
	2463
	5082
	7663
	10695
	A(b)922
78	11077
	3758
	3508
80	1591
	7113
	H-611
86	PIII-7
86a	10318
88	4041

Sign	Number
88a	11077
	3758
89	201
	2177
	4703
	12035
	J-213
	A(a)279
	5534
	J-493
	12461
	10779
	2430
	5254
	7354
94	10815
	4971
	8650(a)
95	1646
	J-455
96	J-409
	4051
	J-275
	10185(a)
	11715
	7409
	4080
	4971
	2257
	3462
	A(a)22
	H-550
	12414(a)
	H-605
	H-220
	J-494
	8718
	10185(b)
	5880
	3170

Sign	Specimens
97 × 99	J-46, J-41, 10086, 4917, 10058, 12538, A(i)22, 145, 2281, 11244, 4991, 6360, PII-21, 10011, J-500, 12493, 12377, 7411, 12066, 5551
100	741
101	2187, PI-42
102	10176, 10260, 10103, 7546, 8921, 3170, 9015, 11630, A(i)279, 12377, 2731, 7060
102a	H-611, B-951
103	1199, 3725, PII-21
× 104a	G-257
× 109a	10420, PII-1, J-394, 2785, 6360
× 111a	2125, 4432
112	PI-39, 2879, J-361
113	J-630
113a	12704, 11757, 12099, J-329
114	11329, 12715, 5542, A(i)113, 10102, H-605, 12420, PIV-99
115	2893, 94, 10185(a), 10779, 3975, 1646, 114, 7006, 2540
(continued)	5436, 2281, 3757, 4991, A(b)130, 10994
× 117 × 120	483, 12132, A(i)113, 3545, 2930
× 126	10928(a), H-441(a), 10162, 10614(a), 11798, 5633, H-80, 2731, 741, 7155, PII-23, 12548, 12066, 2260, 12164, 5388, 12139, 2785, 11366, 5438, 2540, J-548, 649, 1055, 3716, PI-40, J-273, 4531, J-274, 11559
127	1265
128	B-951, 10740, 5383, J-361
128a	2879, 7354
129	A(i)108, 5082, PI-40, B-(a)7, B-101, 7546
× 131 × 133	10318, 1259
134	2786, 10226, 8150
134a × 135a	J-256, 12066
136	5498, 4042, PIV-114
× 137a	12178
× 138a	12561
× 141	PI-41
× 143a	PIV-99
× 145	4269, 11330
146	A(i)132

Sign	Inscription
	5724
	7786
	2430
	117
	11559
	5880
	Pl-41
146a	5399
×	
153	J-466
	483
153a	J-228
154	12180
	5542
	7591
	H-160
	H-220
	2390
154a	12186
	B-summit
154b	G-290
×	
157a	11244
158	9080
158a	2786
159	5162
	11714
	J-274
	10102
	12549
	483
	2789
	3961
	11027
	10815
	9080

Sign	Inscription
	5498
	4398
	10060
	11304
	9059
	11233
	1009
	10310
	10835(a)
	G-290
	11381
	3771
	11369
	11379
	1591
	G-217
	10695
	12493
159a	11796
159b	J-402
159c	12420
	11334
×	
162	7786
163	8350
164	2630
	3545
	A-336
×	
165a	H-637
	H-80
×	
167a	7098
168	1240
×	
170	868
	1244
	G-175
	1646

Sign	Inscription
	7411
171	1244
	5810
	B-summit
×	
174a	8650(b)
×	
177	Pl-40
×	
180	1259
	B-191
180a	A(b)130
180b	4252
181	10011
181a	12721
181b	12576
181c	4076
182	4276
182a	4991
	H-605
183	G-104
×	
184a	10965
	A-233
×	
189	1056
×	
195	12099
	5630(a)
	11077
	3758
	J-630
	J-455
	12377
×	

Sign	Inscription
198	5630(a)
	8080
	2118
	H-550
×	
203a	Pl-41
204	B-101
205	Pll-53
×	
214	10059
	J-455
214a	4015
214b	2868
	2785
214c	11757
	11756
×	
219	12747
	12164
	10960
	3545
	11862
	8650(a)
	4076
	12574
	12562
	1172
	12581
	G-175
	1419
	J-275
	9041
	J-213
	10625
	J-630
	G-107
	J-455
	12377
	J-273

219. × 223

J-463
7483
3803
1200
5383
5633
10625
2789

223. × 225.

867
J-630

225. × 227

11331
11233
10740
D-38
A-263
8718
J-462
H-160
12574
11379
11942
10695
2789
10137

228

3644
12750
12752
J-274
PIII-38
11332
12721
1591
G-107
3716
G-217
10997
A(b)922
PIV-114
12493
7354

PI-42

× 231

5253

232

12575
2728
12035
8650(b)
8650(a)
12131
7006
11332
8053

× 233.

4965

234

G-175
1055

× 236

A-336

× 237.

868

238

J-450
11626
11136
4552
12329
J-449
8650(b)
J-582
J-630
12377
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10010
10928(a)
11452
11516
11715
10185(c)
12327
12442(b)
12581
5498
7483

2891
5633
7546
21
2430
H-550
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10059
10614(a)
10928(a)
1235
11266(a)
11291
12185
12216
2868
A(a)279
4080
4631
5634
1419
7663
8800
11064
11449
11795
5617
11467
12750
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J-359
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8921
J-455
A-336
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11849
3758
5388
H-160
10997
12538
2281

PII-21
G-104
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2531
J-409
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4276
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10061
10162
11466
11853
J-219
J-30
PI-44
A-441
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J-581
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5724
5810
7409
7591
868
A(a)22
117
12251
1200
1697
10965
11244
11333
12035
12548
12574
PII-23
J-213
5219
J-329

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A-241
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12164
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J-28
H-220
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J-464
H-60
H-[illegible]
Pl-2
145
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12517
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4965
J-548
6579
5416
8718
474
160
12066
8360
8650(a)
11042
116
1170
7411
4531
7354

238.d
483
10185(a)
10260

11331
114
1055
PIV-114

238.b
J-500
13416
10058
10060
G-257
5083
10086
3803
G-175
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1646
3482
2961
12414(a)
4991
J-482
J-46

238.c
11440
3611
J-575
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5211
12675
8650(a)
2257
12104
3975
12066
4917
8650(a)
2780
6880
A(a)130
J-41
4588
4041
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10186
11305

239
5399
3545
H-80
3716

240
1692
4042
11368
12164
2961
4079
J-463
J-548
J-361
474
12721
A-263

240.a
11768
12139
J-630
J-273
649
12066
8650(a)

×

2728
627
3644
201
10185(a)
272
1240
5534
2118
2700
2785
12131
11359
11332
11696
2785
11368
1056

241.a
2960

242
7411
12099

242.a
H-220

243
5383
11705

243.a
G-175
5860

×

247
474

248
627
1056

×

251
2368
Pl-39
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251.a
8650(a)

×

253
5383

×

255
11349
10060
11022
4531
J-361
8360
4043
11796

255.a
12704
11417

256
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A(a)-102
4917
10058
G-217
J-579
PII-21

Sign	Text
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	3508
	J-402
257	2789
260	B-1341
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	7155
260a	10994
	2177
	10185(b)
260b	11038
261a	J-579
261b	114
261c	945
262	2879
	1259
	PIII-7
	3716
	11244
263a	11304
	5082
	12066
264	8154
	11715
	12562
	10928(a)
	11390
	8800
	11064
	4971
265	10224
	11136
	12575
	12150
267	10010
268	11304
	1722
	1423
	4552
	11468
	272
	10185(c)
	10409
	12329
	12442(a)
	2891
	5498
	8650(b)
	1692
	1419
	10059
	4080
	11798
	10614(a)
	12549
	A(a)279
	1235
	2630
	10960
	J-359
	5617
	10058
	B-191
	10242
	10997
269	12327
	12581
	7483
	12104
	12216
	12750
269a	11795
	3758
	12539
269b	11330
	J-274
	H-550
270	2430
	A(a)97
	10103
	11756
	11291
	12416
	2482
	2868
	12461
	5388
270a	11696
	2125
	10359
	10830
	2867
	4631
	4917
	5974
	8650(a)
270b	11452
	2281
270c	11417
	8650(b)
271	J-283
	11714
	11467
	12415(b)
272	A(b)130
272a	517
273	5082
	1259
	2118
	PI-40
	PIII-7
273a	11458
274	3725
	PII-1
	1199
	2731
	PII-21
275a	10176
	9015
	J-394
277	1009
	2540
	A(a)553
	3771
	4965
279	10960
281	9059
281a	11349
	7354
283	3771
	PI-2
	8360
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	H-643
	J-582
	116
283a	11476
	A(a)106
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	3503
	J-228
	11064
	PI-41
	J-213
	J-523

Sign	Text
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	J-575
	10242
	12537
	3170
	4531
	J-329
283b × 292	3716
	J-462
293	2632
	2960
	10928(a)
	J-575
	8150
	A(b)922
	3508
	7546
	2879
	10740
293a ×	PIII-38
294a	J-582
	1419
	11077
	J-462
	3758
295	B-(a)7
† 295a	10185(c)
296	B-Summit
297 ×	12060
	12327
	2785
	11333
	1056
299	5880
	741

Sign	Text
	1498
	PII-71
	517
	5974
	627
× 301 ×	8718
304	12099
	12715
	A-441
	A(a)106
	J-630
	12377
	J-456
	7354
	2281
	11597
305 ×	1872
307a	11349
	3508
308	PIV-99
	J-256
	D-38
	J-28
	4991
	1056
	PIV-114
309	11458
	A-263
× 310a ×	649
312	4965
312a	4531
313	PI-39
314	J-630
	12377

Sign	Text
314a	12442(a)
	4080
	8150
	J-455
	10010
	1235
314b	4631
	J-226
	12581
	5610
314c ×	J-449
317a	1697
	11467
	12538
	180
317b	2281
318 ×	180
322	J-329
	J-493
	8921
322a	12216
323	PI-39
323a	J-283
324	10409
	12562
	11077
	2187
	12415(a)
	5974
	2785
	12747
324a	4631
	I-359

Sign	Text
325	145
325a	867
	5399
	8650(a)
326	12150
	5253
	4058
	PI-42
327 ×	8053
	J-581
331	10086
	11516
	2700
	9059
	11449
	11332
	D-38
	H-160
	PI-44
	5152
	J-402
	11334
	11796
	10060
	11559
	12549
	1648
	10310
	10825
	A-233
	8650(c)
	11795
	12415(a)
	11359
	A-336
	11391
	10142
	10137
	2463
	A(a)102
	11077

7006
J-500
10058
G-217
5436
5254
12538
10185(a)
2789
4531
10102
11849
145
4079
11331
116
8360
A(b)130
3170
J-273
7411
7354
A(i)16
115
781
12751
8650(c)
11330
483

331a
1722

×

333
12131
4042
PIV-114

333a
2879

334
A(i)97

×

335a
1692

×

337
2930

338
11467
3725
11361
7060
11714
9015
8718
4917
11369
180
10695

339
11027
PII-1
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2390
5634
11449
10835(a)
5551
10625
10997
8080
5498

339a
A(b)553

340
3981

340a
11368
4079

340b
10224

341
10186
2390
2728
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8650(b)
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117
10185(a)
1646
10928(a)
10965
11266(a)
11381
12131
12538
G-290
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11369
11768
8921
145
H-220
3758
10695
J-462
J-579
1055
J-46
11458
474
PII-21
J-273
7354
J-580
12185
J-274
J-575
J-582
2786
116
5254

341a
8650(a)

×

344
12002
A(i)22
398
1199
5551
11368
J-274
11359

114

345
5880

346
4398
1697
10928(a)
8800
398
12548
1646
A-336
A(b)553
10137
5388
945
1240
10997
11942
A(b)922
116
2786
12131
3725
10011
8650(a)
J-273
12493
A(b)130
11392
10831

346a
PI-4

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B-101
517

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11331

×

359
A(b)130

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360a
PI-2

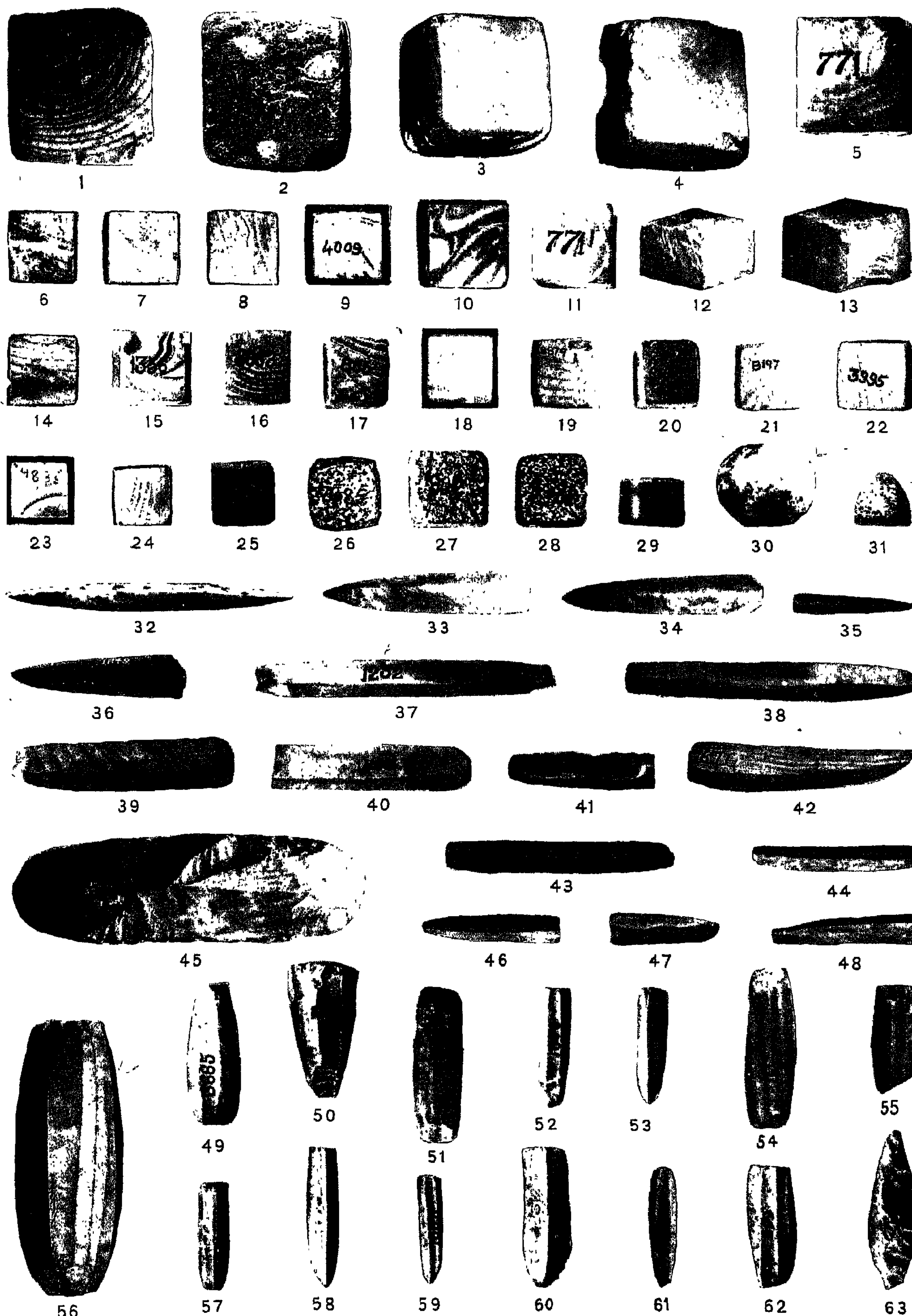
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365a
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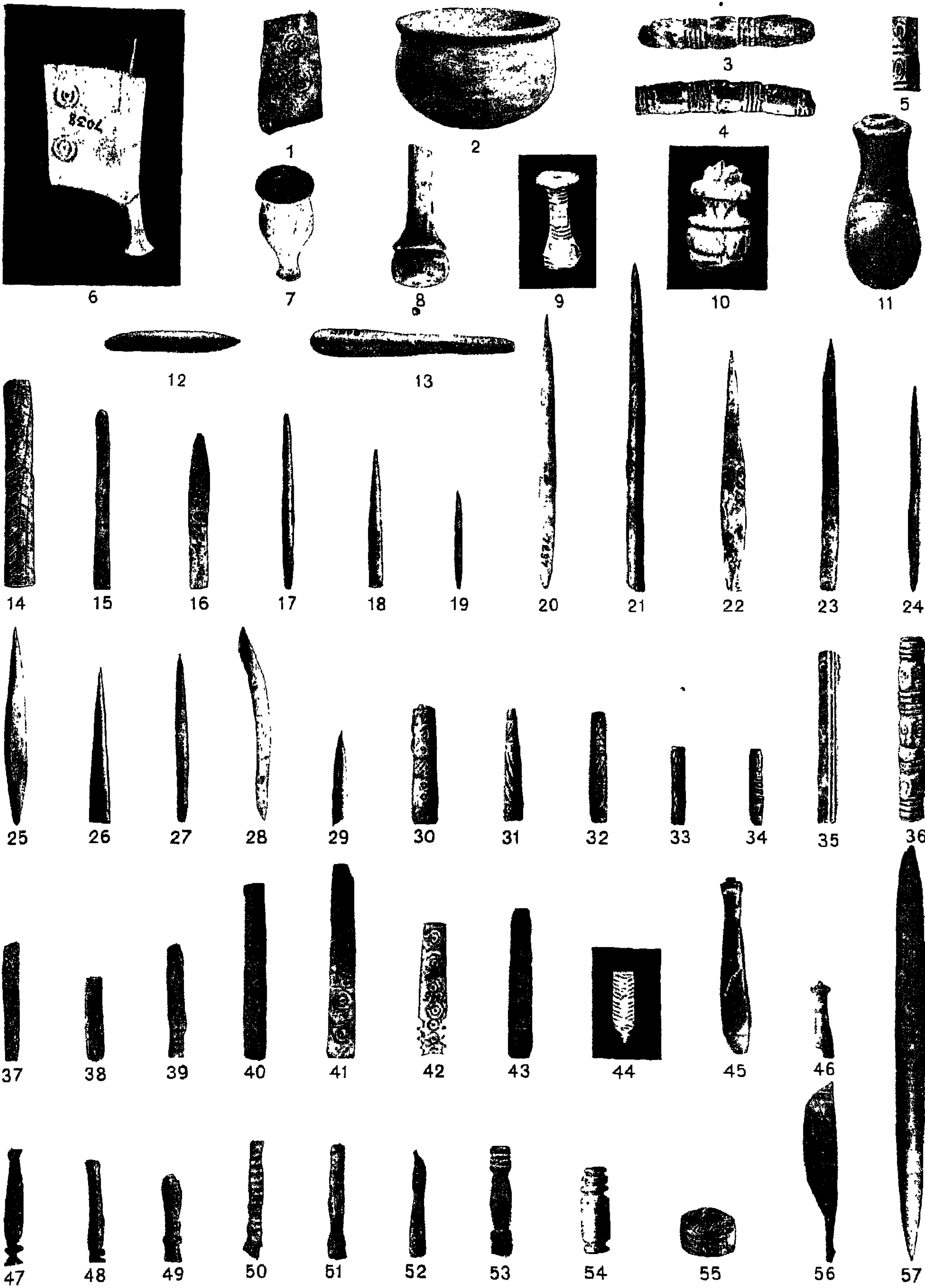
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369a	11795
369b	5633
370	10359, 2367, 11768, 5617, 5634, 10928(a), 11266(a), 3975, 5253, 7663, 11849, 12329
370a	10363
370b	1423
371	5367
372 ×	2789
377	10260, PII-71, 272, 11696
377a	11341
377b	J-500
378	J-548, B-234, PIII-7, PI-40, 3772
378a	1419, 12139
378b	2731
378c	3757
379 ×	8650(a)
382	11449
383	4588, 10186, 8800, 12750, 11417, 1200, 4971
383a	7409, 5724, 5617, 3803, 4553, 1500, 7663, 12414(a), H-160, J-361, 474, J-46
383b	11022, 8650(b)
383c ×	3975
386	J-580, 8154, 8650(b), G-107, J-322, 12180, 2254, 2367, 2177, 2463, 649, 10185(a)
386a	12002, 7006
386b	A(i)9, 2789, 4079
×	
388	H-80, 11330, 11390, 12150, 2630, H-537, 8350, 3545, 867, 11756
388a	11468, 10178, J-219, 10103, 7098, A-336, 2867
388b	1842, 2482, J-283, 11377, 12215, 1379, 2257, 10830
389 ×	11110
391 ×	11796
393a ×	J-20
395	12752, PIII-38, 5399, 10831, B-(i)7, 2482, 4553, PI-42, 1500
×	
397	10361, 12414(a), 5210
397a	12751
398	J-579
399	11705
400	11449
401	10185(b)
402	J-20, 10779
403	H-715
404	4041
404a	12251
405	7787
406	2785
407	1498
407a	12576
408	J-274
409	11850, 2632



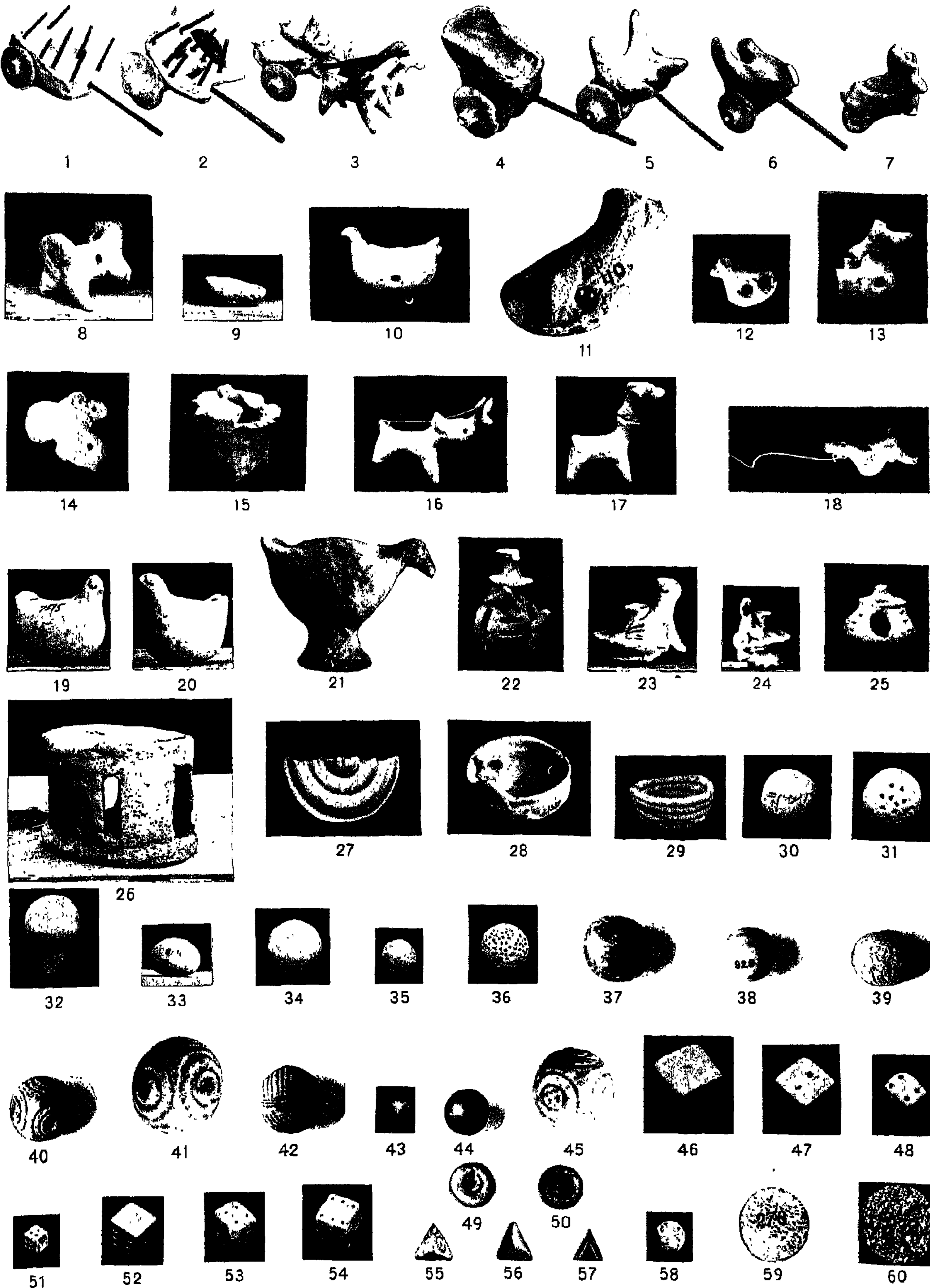
MISCELLANEOUS CULT AND HOUSEHOLD OBJECTS.



STONE AND CHERT WEIGHTS, POLISHERS, KNIVES, CORES AND AN ARROWHEAD.



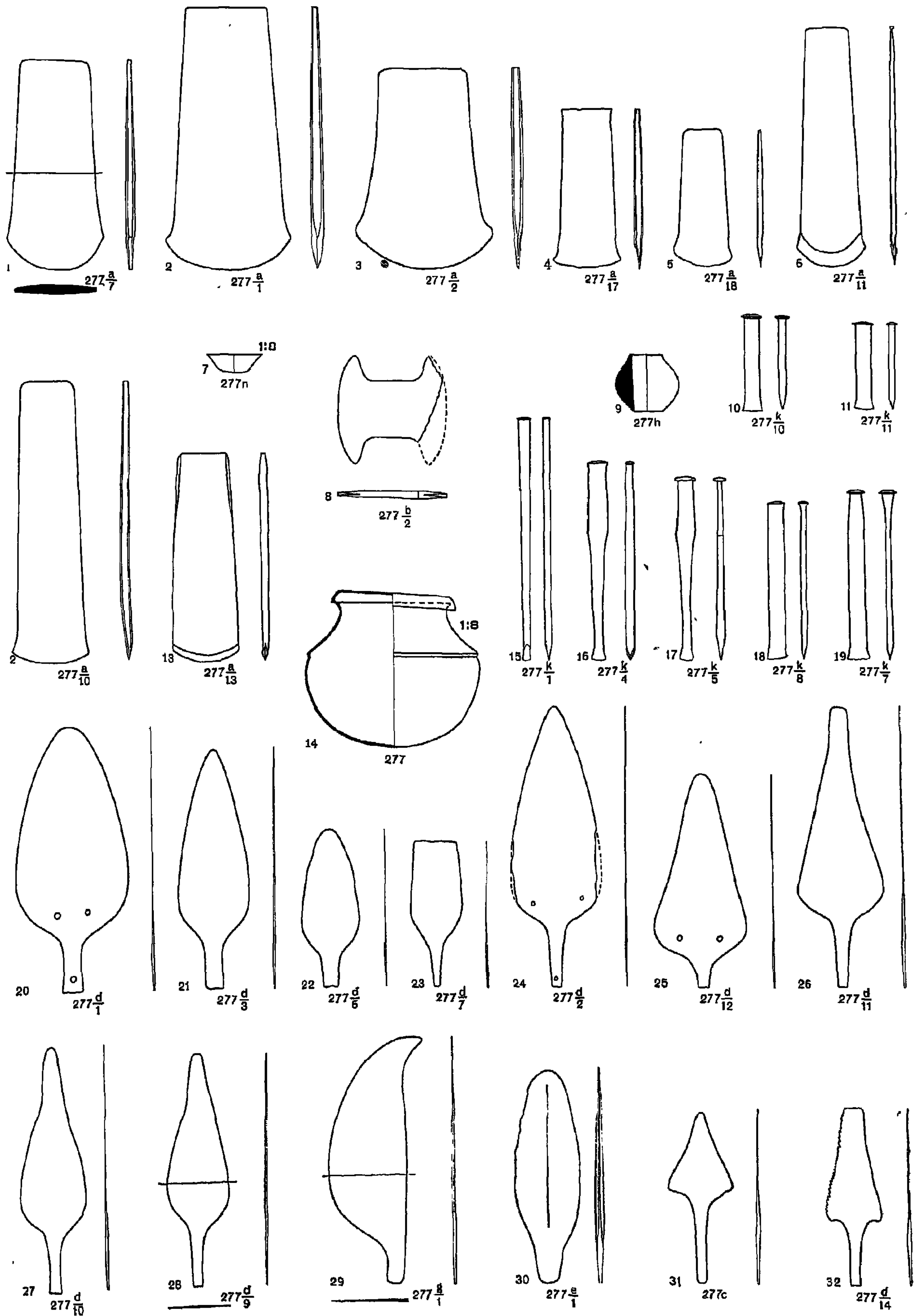
BONE AND IVORY OBJECTS.



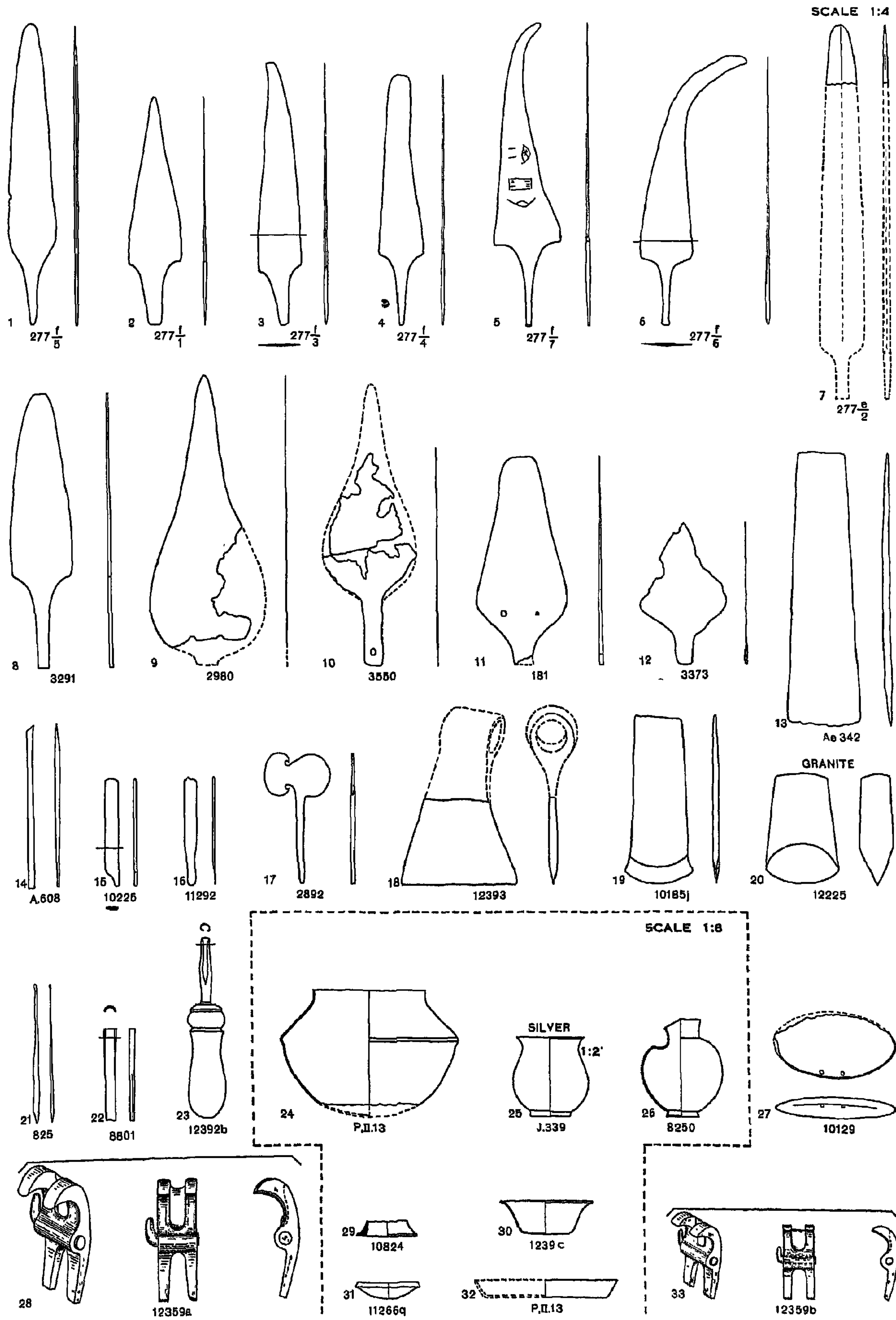
PLAYTHINGS AND GAMESMEN.

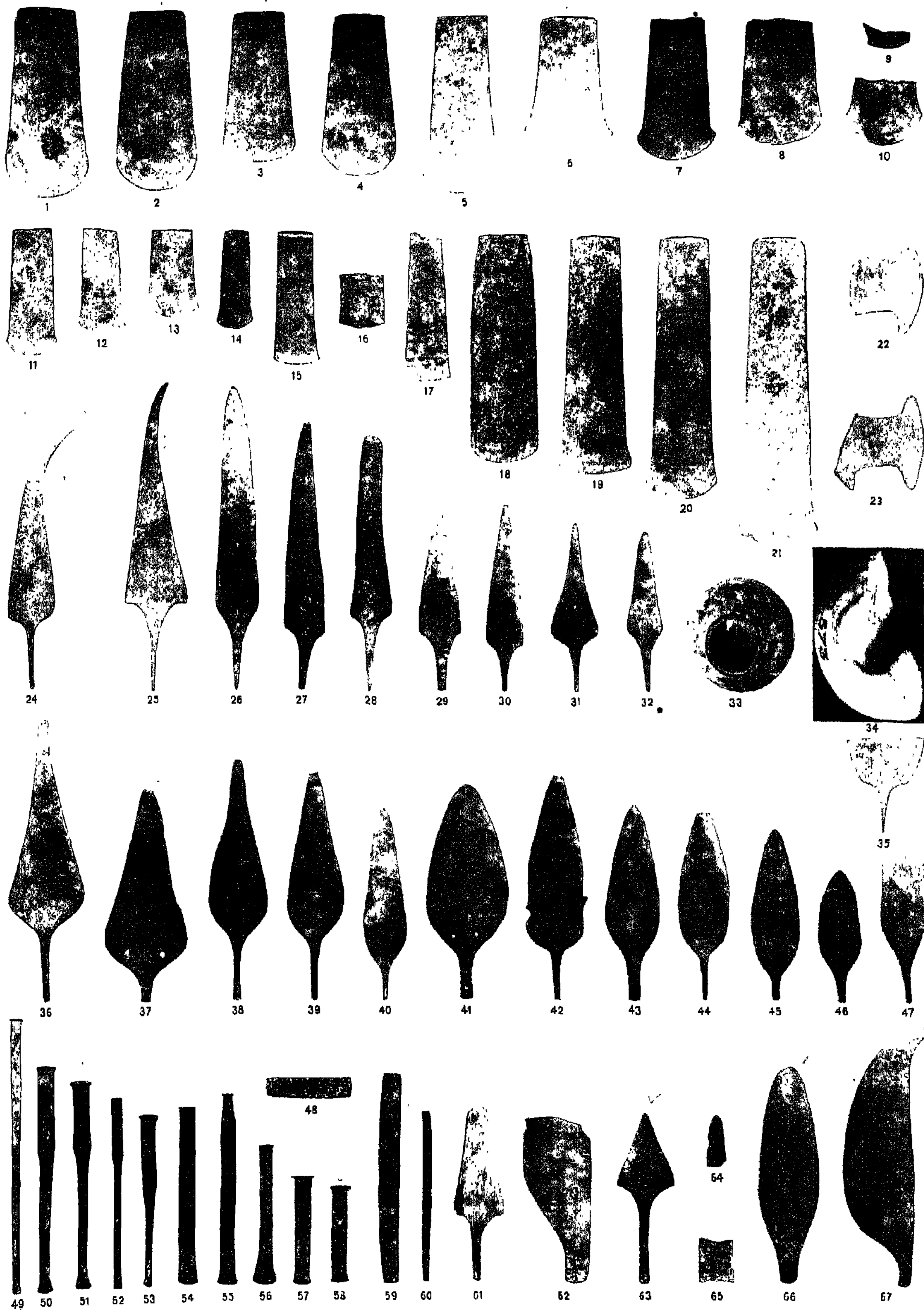
COPPER JAR No. 277 & ITS CONTENTS

SCALE 1:4

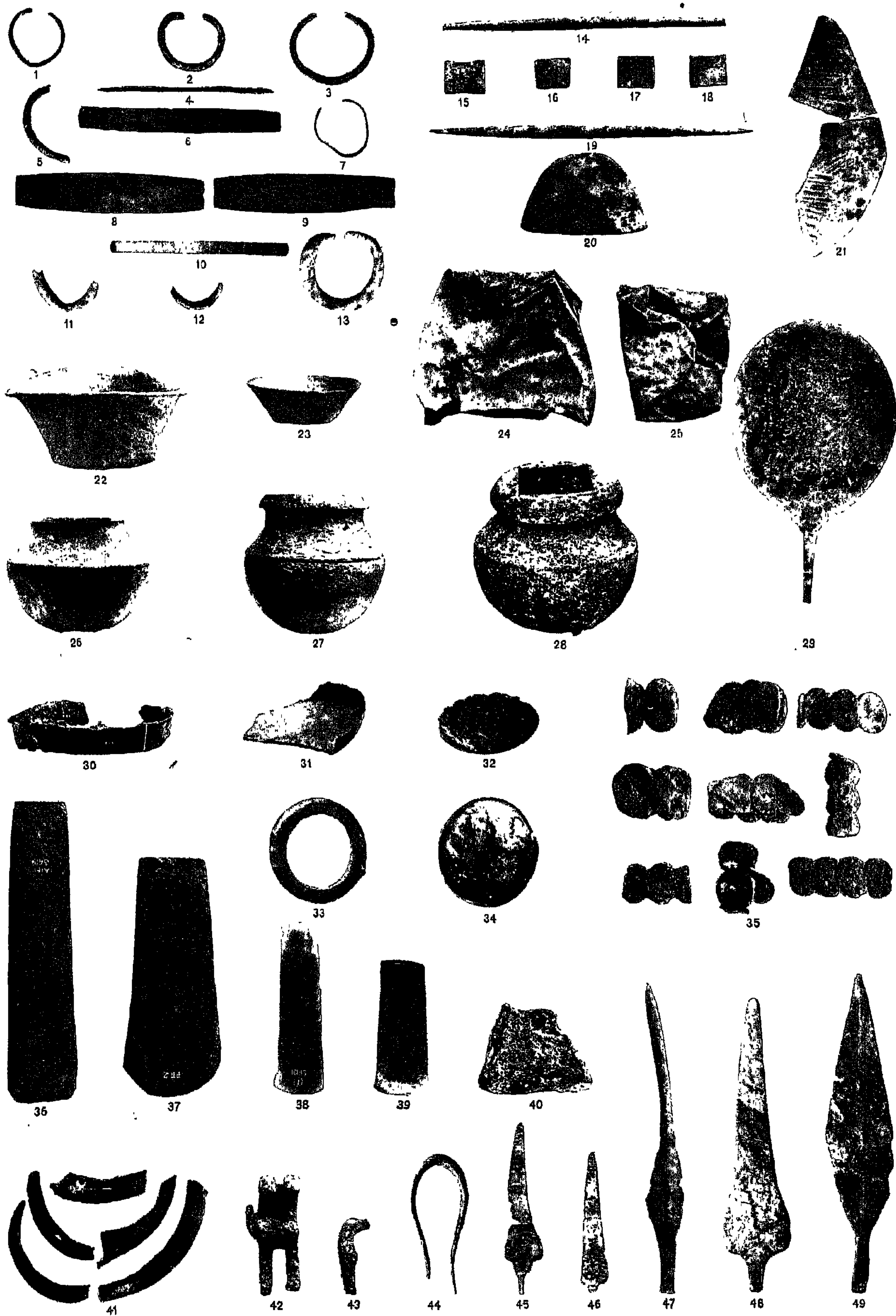


COPPER & BRONZE WEAPONS, IMPLEMENTS, & UTENSILS

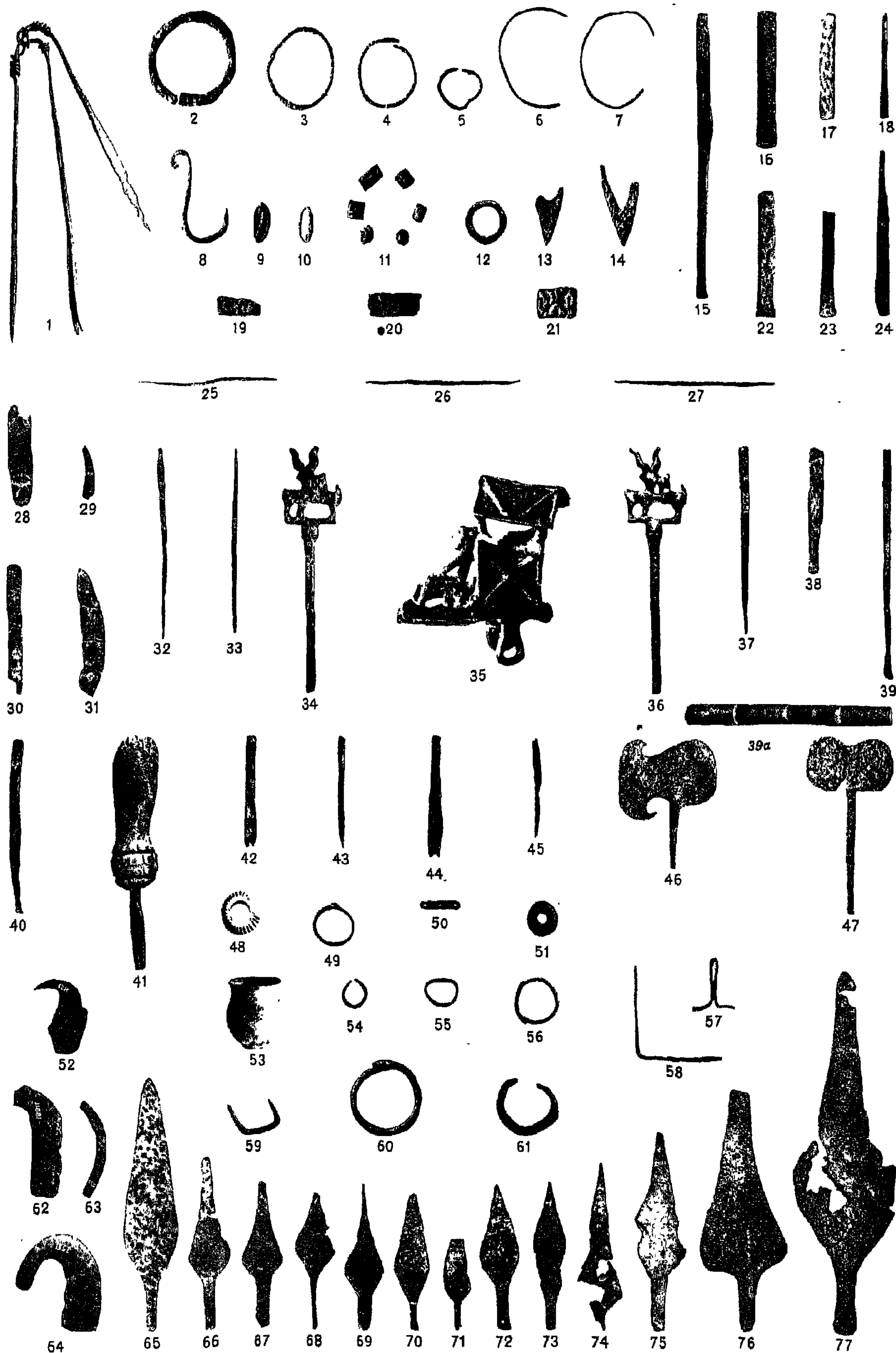




CONTENTS OF COPPER JAR NO. 277 AND MARBLE MACEHEAD NO. 573.

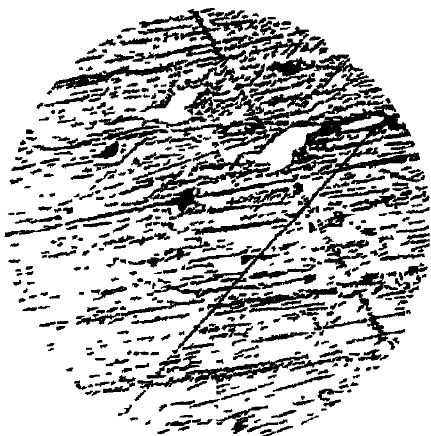


COPPER AND BRONZE ORNAMENTS, UTENSILS, IMPLEMENTS, WEAPONS, ETC.



COPPER, BRONZE, SILVER AND GOLD OBJECTS.

Plate CXXVI.



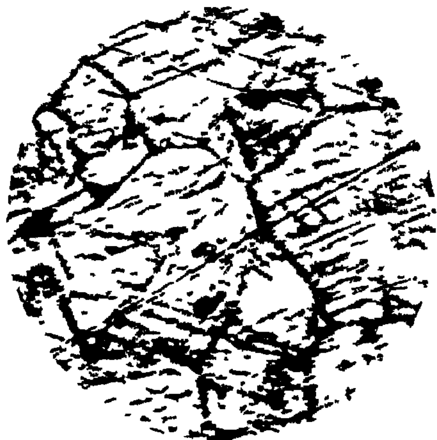
No. 1
After light etching magn. × 200



No. 3
Magnification × 10

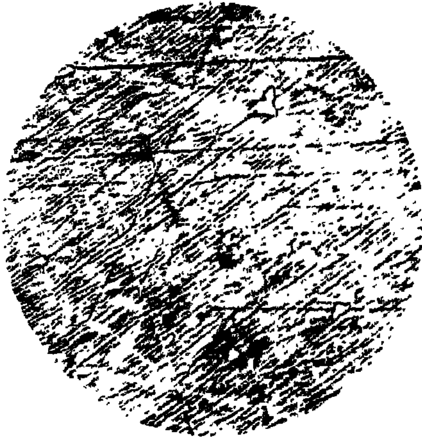


No. 5
Magnification × 100.



No. 7
Magnification × 500.

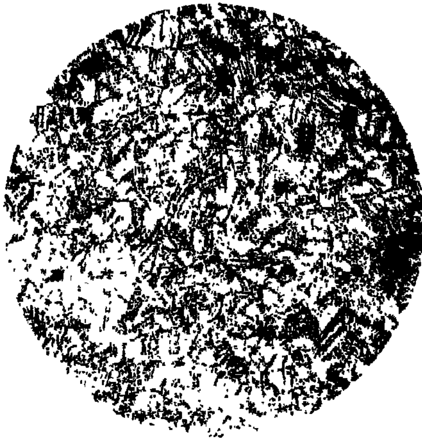
Microphotographs of specimen 'X' (chisel).



No. 2.
AFTER LIGHT ETCHING MAGFN. × 200.



No. 4.
MAGNIFICATION × 10.

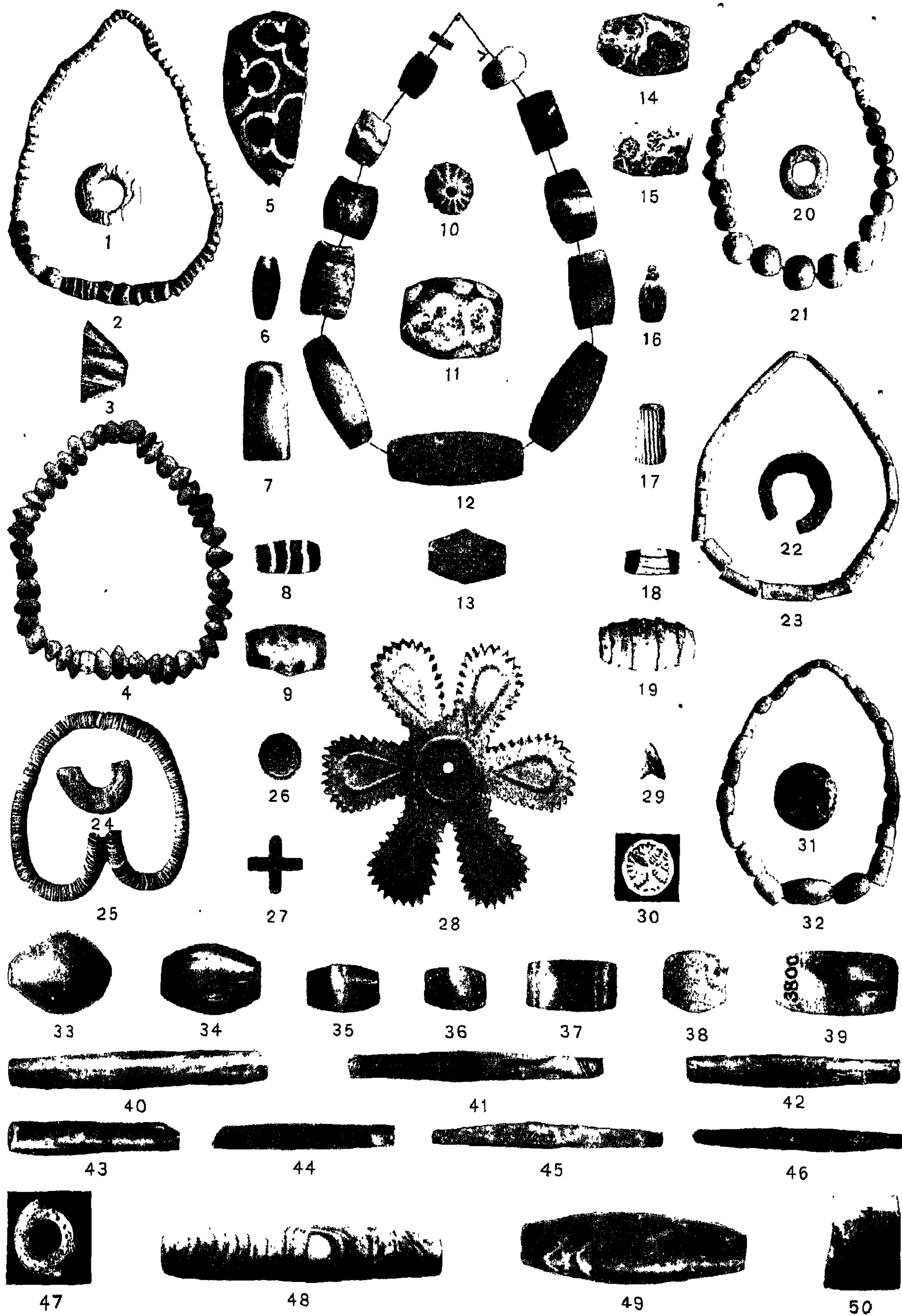


No. 6.
MAGNIFICATION × 100.



No. 8.
MAGNIFICATION × 500.

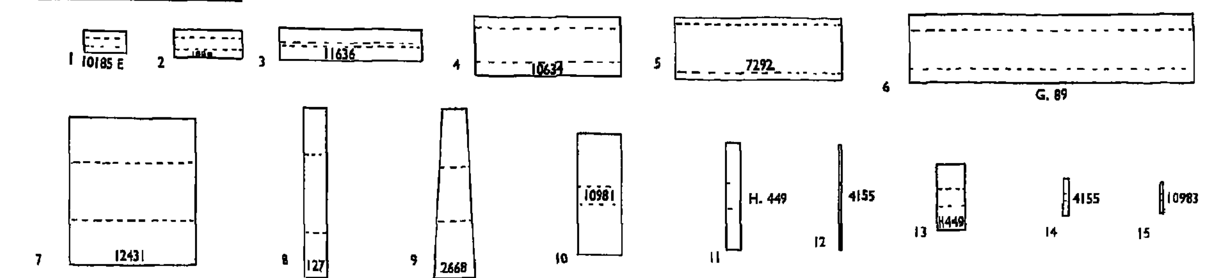
MICROPHOTOGRAPH OF SPECIMEN 277 a/21 (CELT).



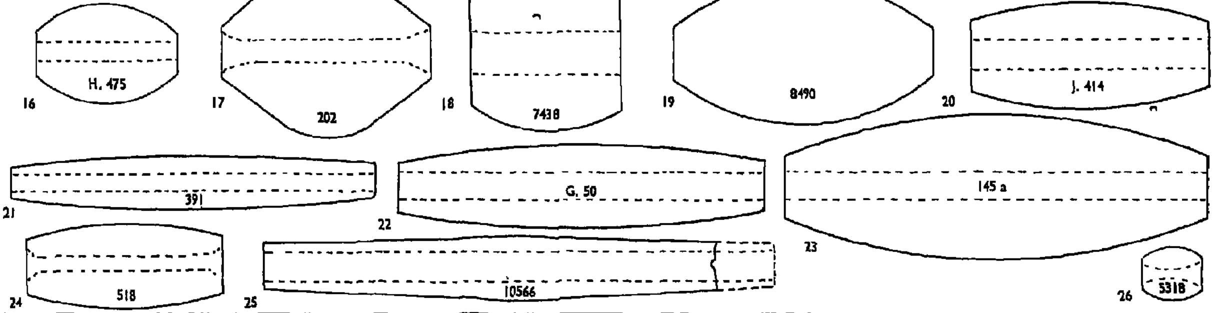
Miscellaneous beads.

GROUP I CIRCULAR TRANSVERSE SECTION

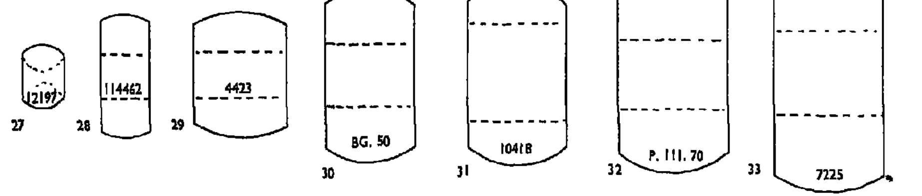
CYLINDER



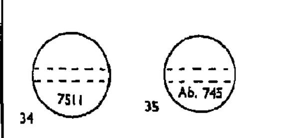
LONG BARREL



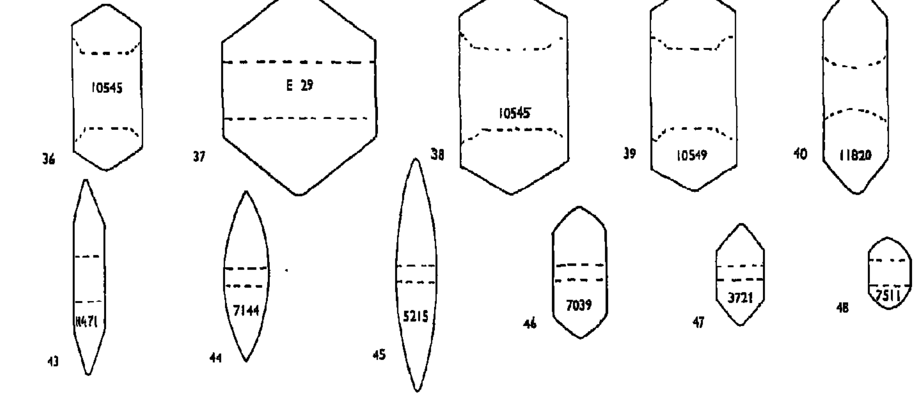
SHORT BARREL



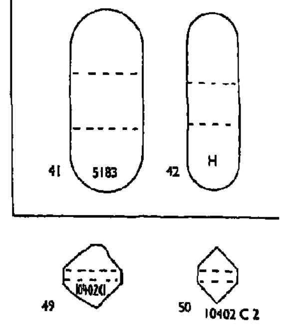
SPHERICAL



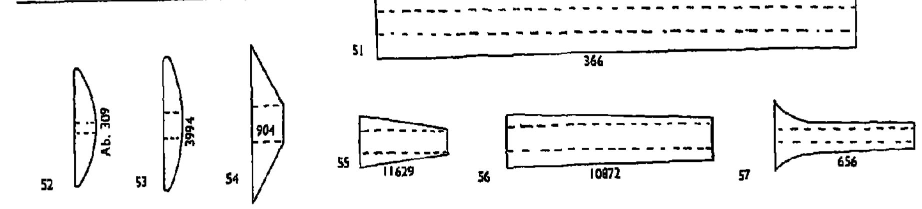
BICONE



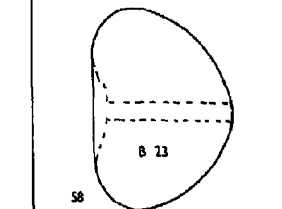
OBLATE

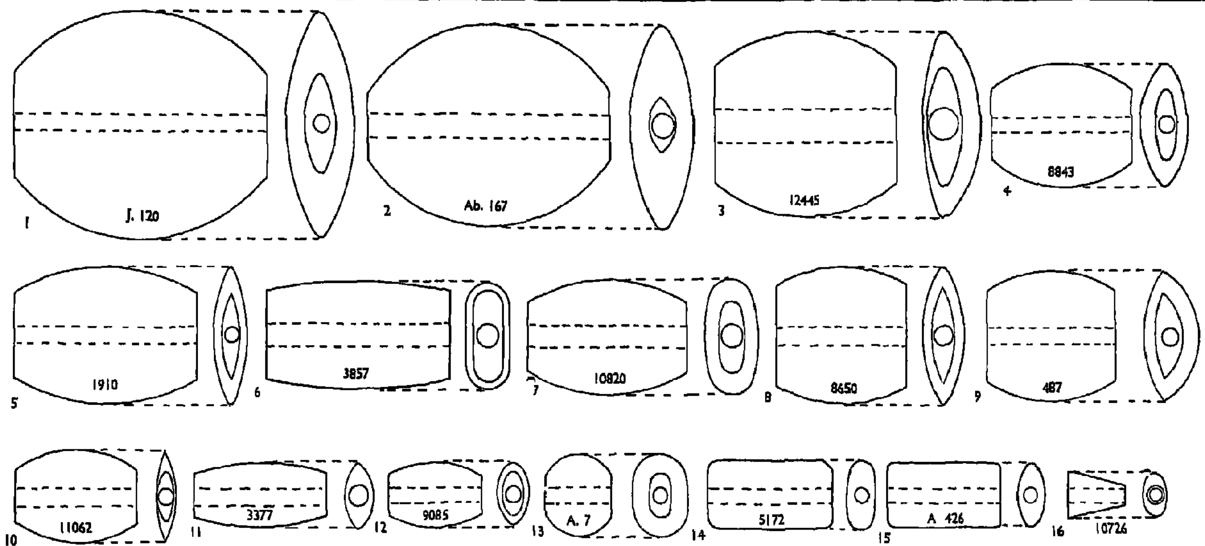


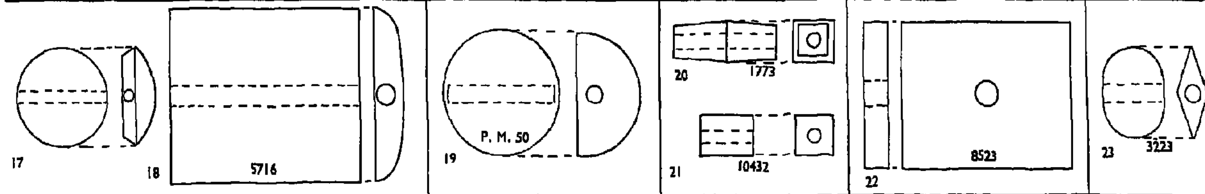
CONE

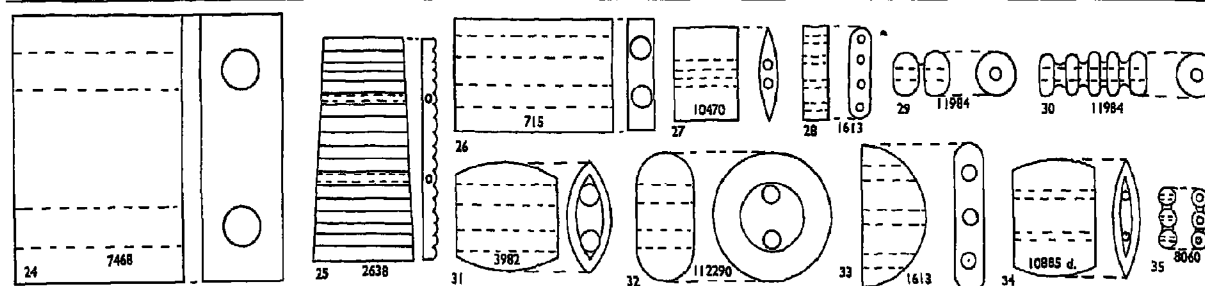


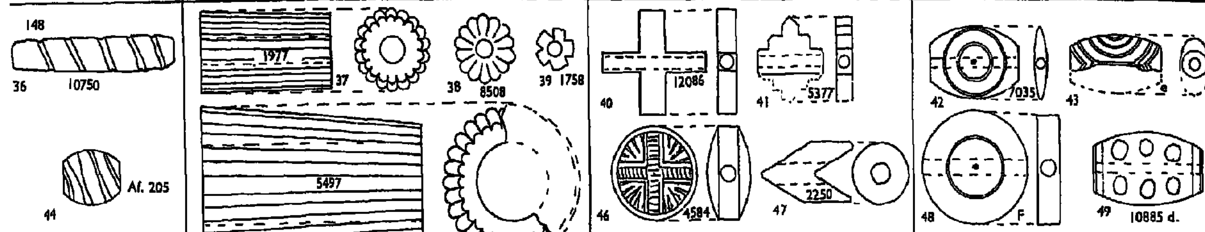
PEAR SHAPE

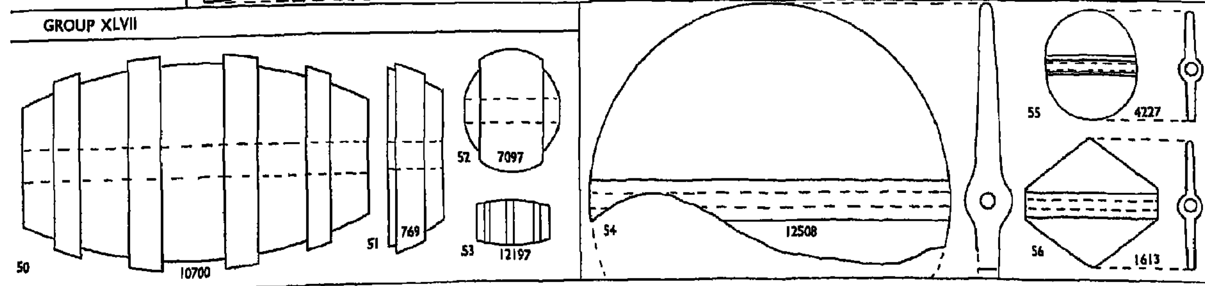



GROUPS II & IV ELLIPTICAL AND LENTICULAR
1 J. 120
2 Ab. 167
3 12445
4 8843
5 1910
6 3857
7 10820
8 8650
9 487
10 11062
11 3377
12 9085
13 A. 7
14 5172
15 A 426
16 10726


GROUP V PLANO CONVEX
17
18 5716
GROUP VI SEMICIRCULAR
19 P. M. 50
GROUP IX SQUARE
20 1773
21 10432
GROUP X RECTANGULAR
22 8523
G. XI DIAMOND
23 3223


GROUP XVII MULTIPLE and SPACING
24 7468
25 2638
26 715
27 10470
28 1613
29 11984
30 11984
31 3982
32 112290
33 1613
34 10885 d.
35 8060


SPIRAL
148
36 10750
44 Af. 205
GROUP XXIII NOTCHED and GADROONED
1977
37
38 8508
39 1758
5497
45
GROUP XXIX EMBLEMS CROSS STEPS
40 12086
41 5377
46 4584
47 2250
GROUP XLVI EYE BEADS
42 7035
43
48 F
49 10885 d.


GROUP XLVIII SUNDRY-16 R
GROUP XLVII
50 10700
51 769
52 7097
53 12197
54 12508
55 4227
56 1613

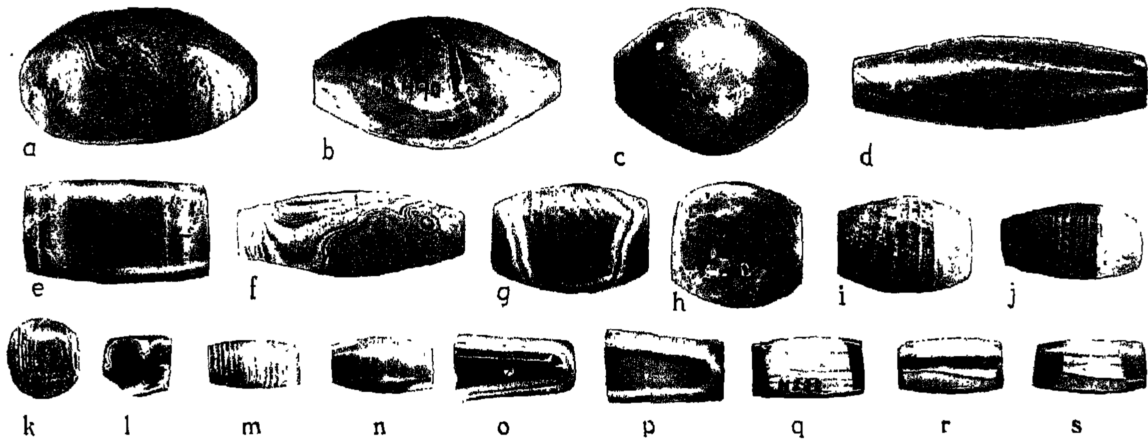


FIG. 1. BEADS OF AGATE.

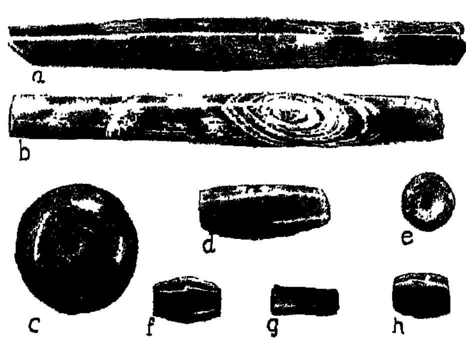


FIG. 2. BERDS OF CARNELIAN.

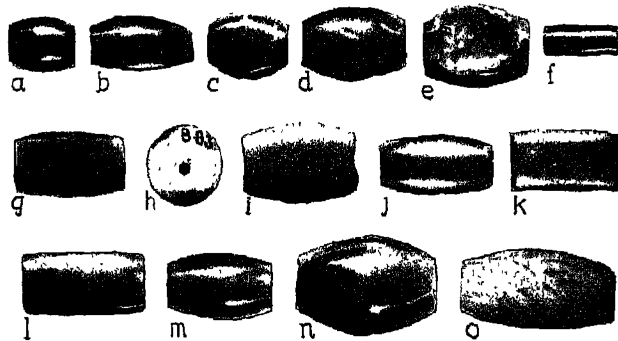


FIG. 3. BEADS OF VARIOUS SILICATE STONES *a—f.* JASPER, *g—k.* CHERT, *l—n.* CHALCEDONY, *o.* MILKY QUARTS.

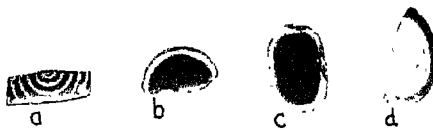


FIG. 4. ETCHED CARNELIAN BEADS.



FIG. 5.

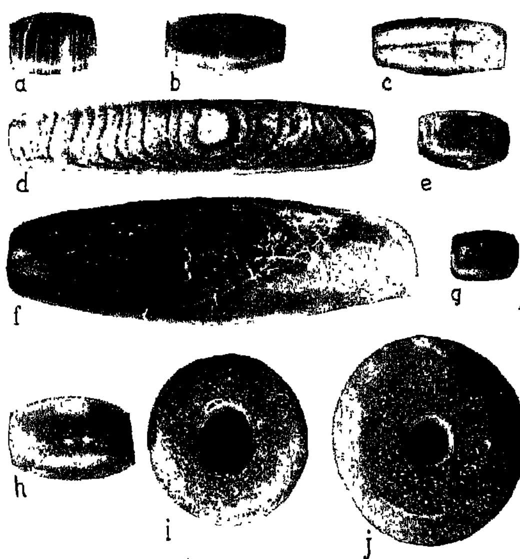


FIG. 6. BEADS OF LIMESTONE & STALAGMITE.

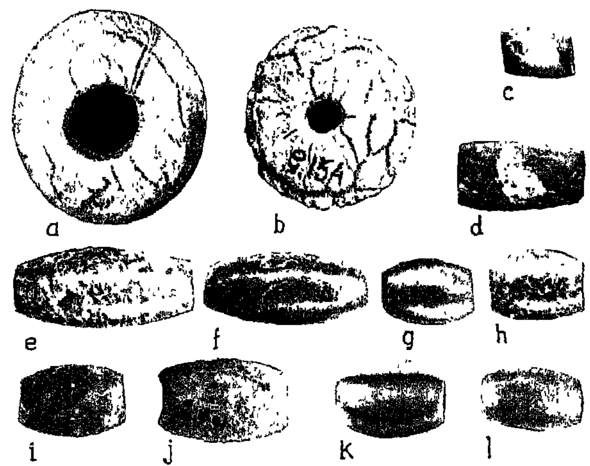


FIG. 7. BEADS OF SUNDRY STONES. *a* & *b.* MARBLE, *c.* CALCITE, *d.* HORNBLENDE, *e—g.* SERPENTINE, *h.* DIORITE, *i* & *j,* LAPIS, *k* & *l.* JADEITE.

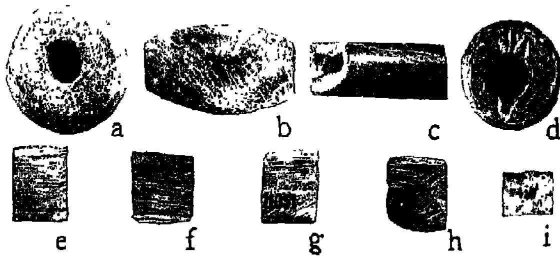


FIG. 1. BEADS OF NATURAL STEATITE.

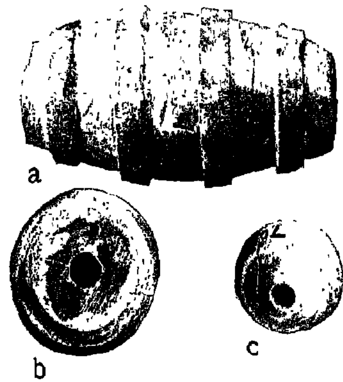


FIG. 2. ZONE BEADS OF BURNT STEATITE.

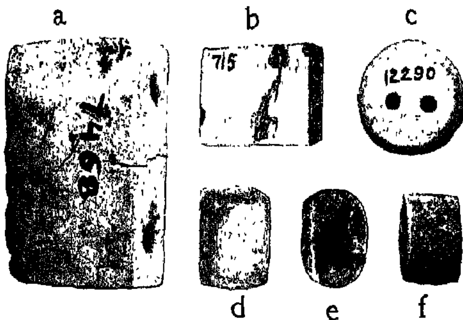


FIG. 1. SPACING BEADS OF BURNT STEATITE.

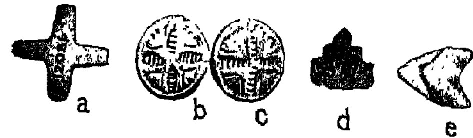


FIG. 4. CROSS, STEP & TOOTH BEADS OF BURNT STEATITE.

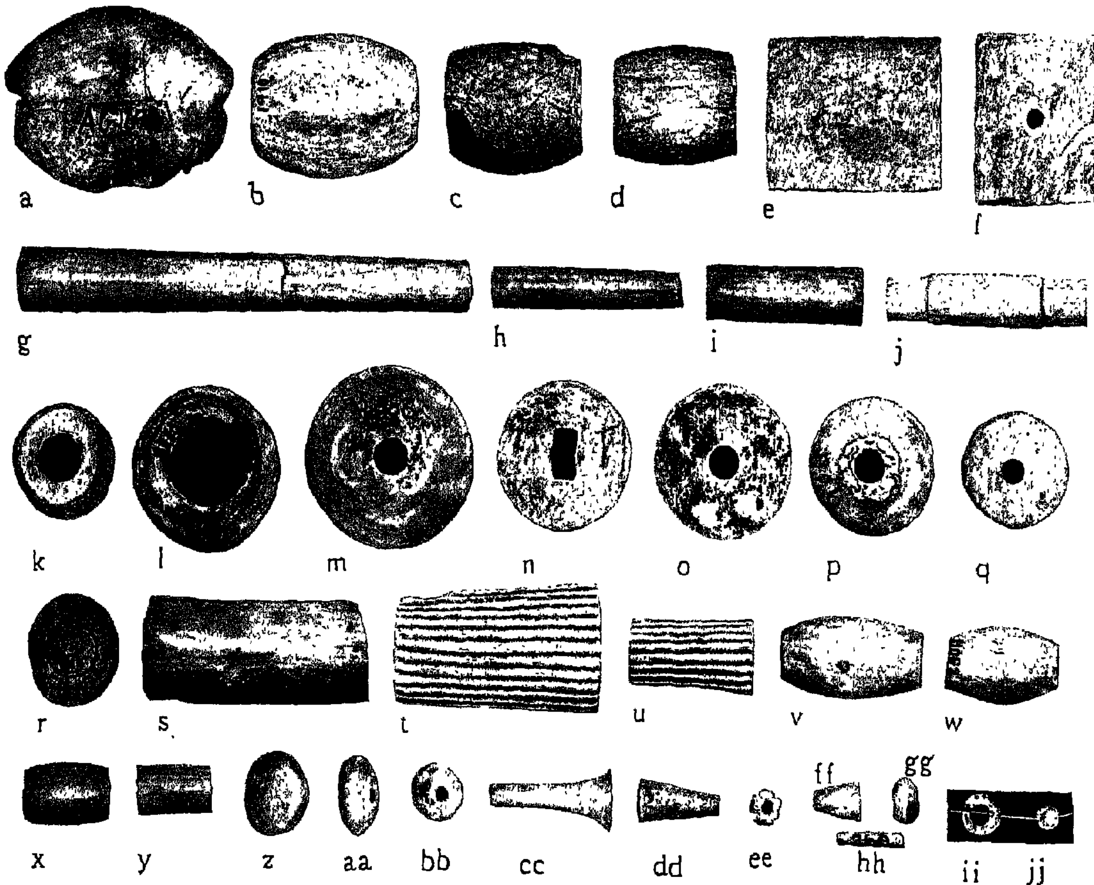


FIG. 5. BEADS OF BURNT STEATITE.

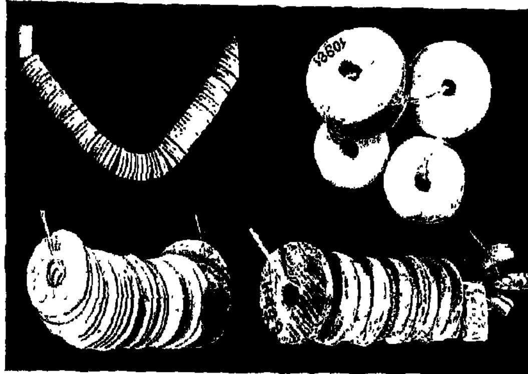


FIG. 1. DISC BEADS OF "BURNT" STEATITE.

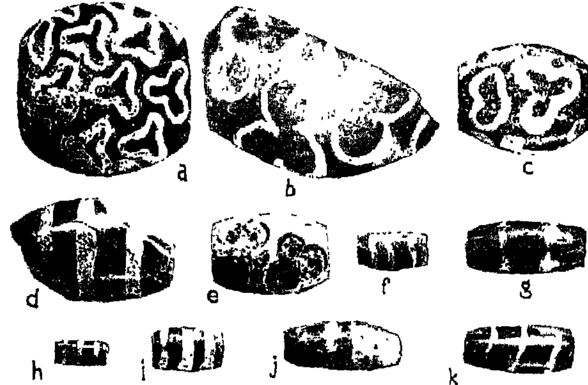


FIG. 2. PAINTED STEATITE BEADS.

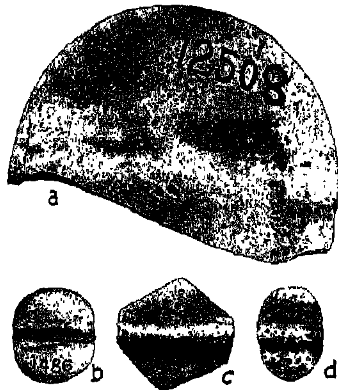


FIG. 3. FAIENCE SPACING BEADS WITH MIDDLE RIB.

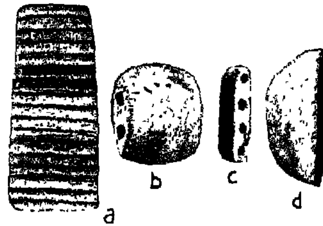


FIG. 4. FAIENCE SPACING BEADS.

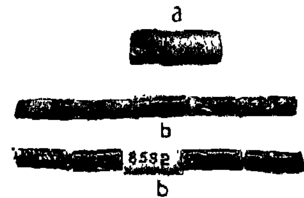


FIG. 5. BLACK FAIENCE BEADS.

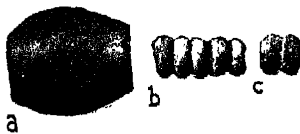


FIG. 6. WHITE FAIENCE BEADS.

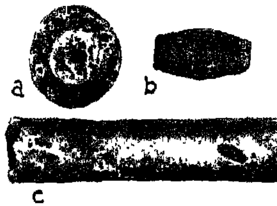


FIG. 7. YELLOW FAIENCE BEADS.

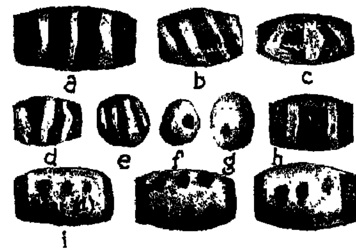
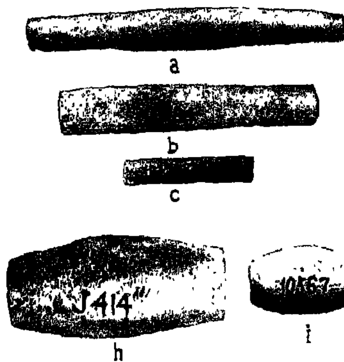
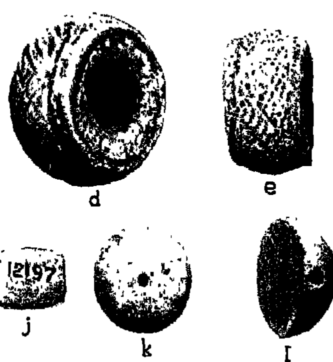


FIG. 8. VARIEGATED FAIENCE BEADS.





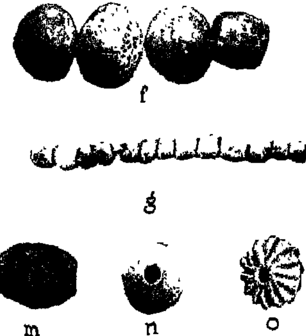


FIG. 9. FAIENCE BEADS—MOSTLY BLUE OR GREEN.

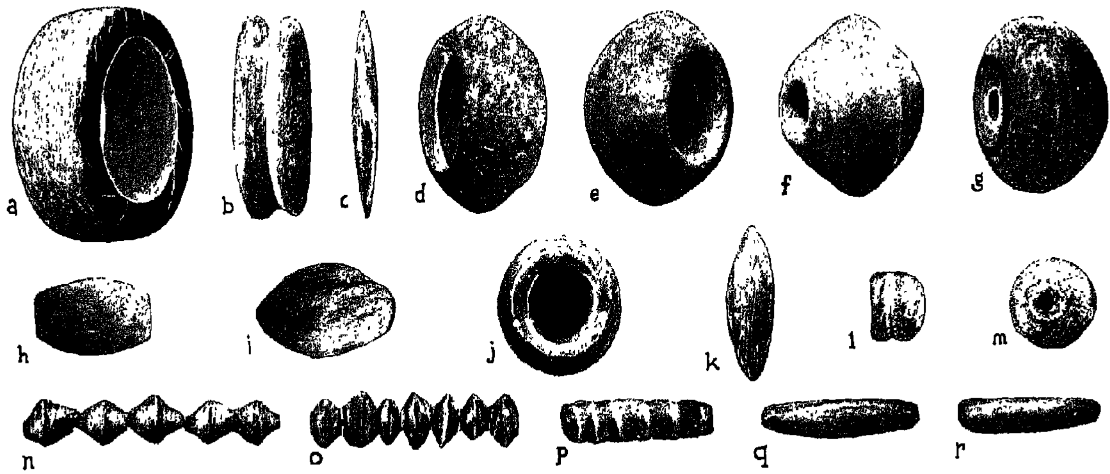


FIG. 1. BEADS OF TERRACOTTA OR POTTERY.

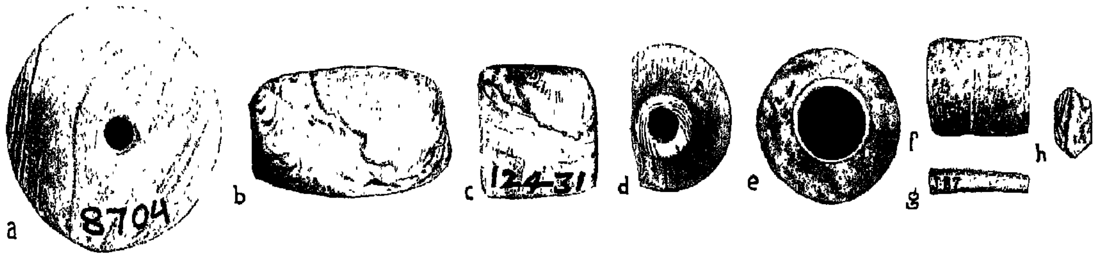


FIG. 2. BEADS OF SHELL.



FIG. 3. ZONE BEAD IVORY.



FIG. 4. SHELL INLAY FROM UR.

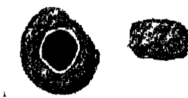


FIG. 5. COPPER BEADS



FIG. 6. SILVER BEADS.

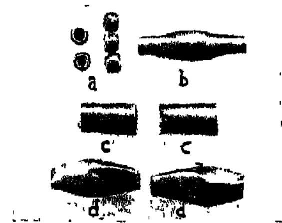


FIG. 7. GOLD BEADS.

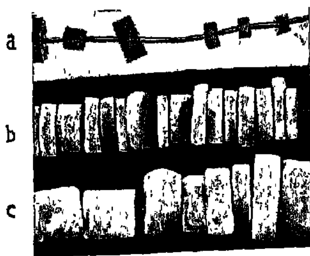


FIG. 8. SMALL STEATITE BEADS ×4.
a, c HARAPPA
b UR.

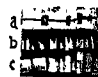


FIG. 9. × 1/1.

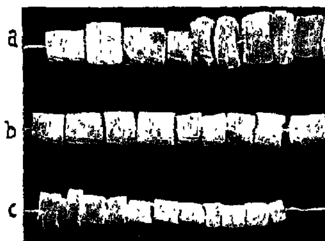


FIG. 10. SMALL STEATITE BEADS ×4
a, c HARAPPA
b UR.

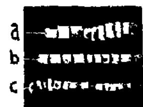


FIG. 11. ×1/1.

MICROPHOTOGRAPHS OF "BURNT" AND PAINTED STEATITE.

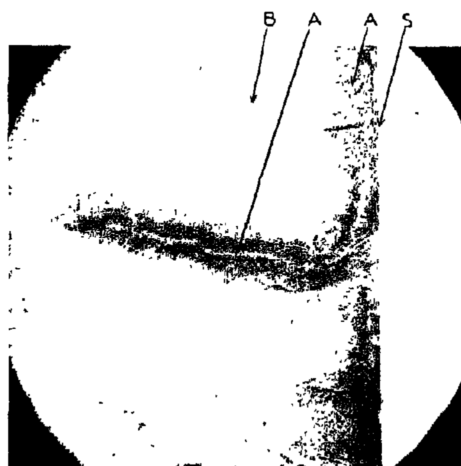


FIG. 1.
SECTION OF "BURNT" STEATITE SEAL FROM MOHENJO-DARO.

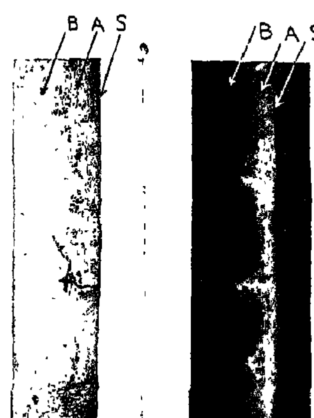


FIG. 2.
SECTION OF "BURNT" STEATITE SEAL FROM HARAPPA.

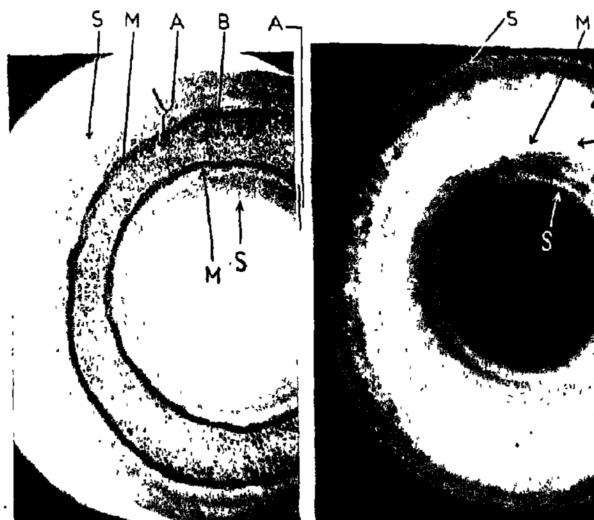


FIG. 3.
SECTION OF "BURNT" STEATITE BEAD FROM HARAPPA.

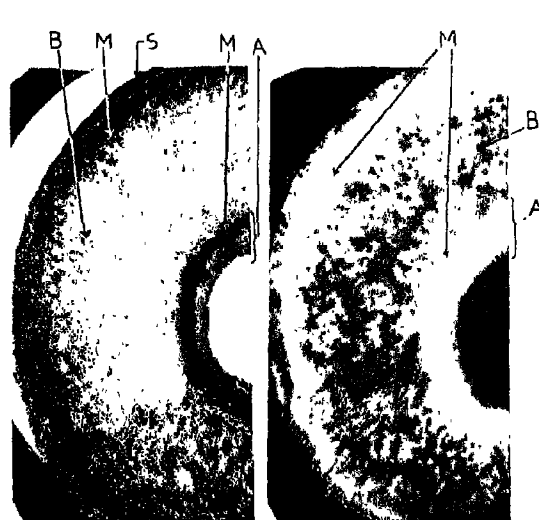


FIG. 4.
SECTION OF "BURNT" STEATITE BEAD FROM UR.

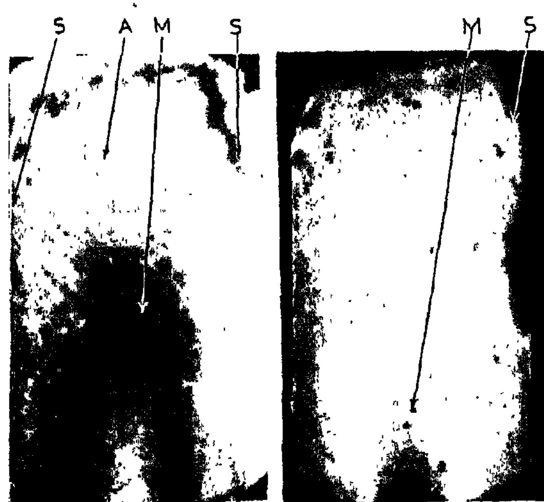


FIG. 5.
SECTION OF "BURNT" STEATITE DISC BEAD FROM HARAPPA.



FIG. 6.
SECTION OF UNUSUAL TYPE OF "BURNT" STEATITE BEAD FROM HARAPPA.



FIG. 7.
SECTION THROUGH PAINTED STEATITE BEAD FROM HARAPPA.

A = AFFECTED PORTION.
B = BASE.
M = AREA OF MAXIMUM EFFECT.
R = REINFORCING MATERIAL.
S = SURFACE OF SPECIMEN.

MICROPHOTOGRAPHS OF ETCHED CARNELIAN BEADS AND FAIENCE BEADS.

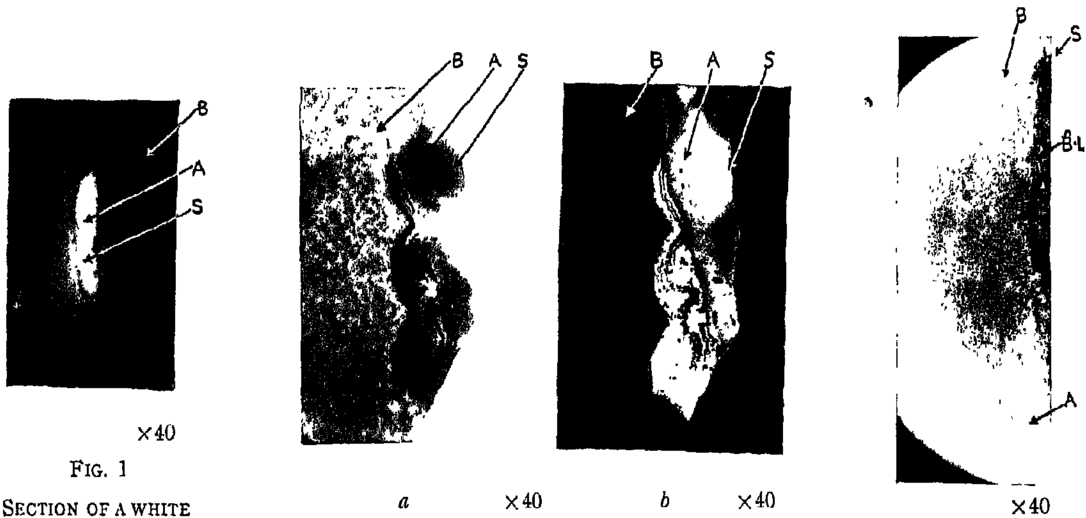


FIG. 1

SECTION OF A WHITE LINE ON ETCHED CARNELIAN TYPE I. LIGHT REFLECTED FROM ABOVE.

FIG. 2

SECTION OF AN IRREGULAR WHITE LINE OF AN ETCHED CARNELIAN TYPE I.

a. ORDINARY TRANSMITTED LIGHT.
b. LIGHT REFLECTED FROM ABOVE.

A=AFFECTED AREA. S=SURFACE OF SPECIMEN.
B=BASE. BL=BLACK LINE.

FIG. 3

SECTION OF A BLACK LINE ON AN UNUSUAL FORM OF ETCHED CARNELIAN. TYPE II.

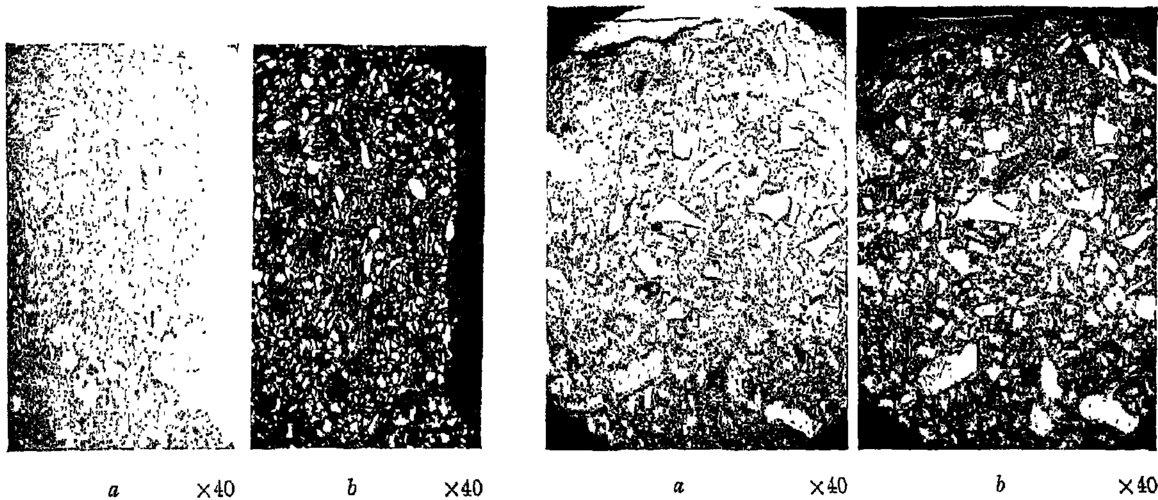


FIG. 4

SECTION OF FAIENCE ORDINARY TYPE.

a. ORDINARY TRANSMITTED LIGHT.
b. POLARIZED LIGHT.

FIG. 5

SECTION OF VERY COARSE FAIENCE.

a. ORDINARY TRANSMITTED LIGHT.
b. POLARIZED LIGHT.

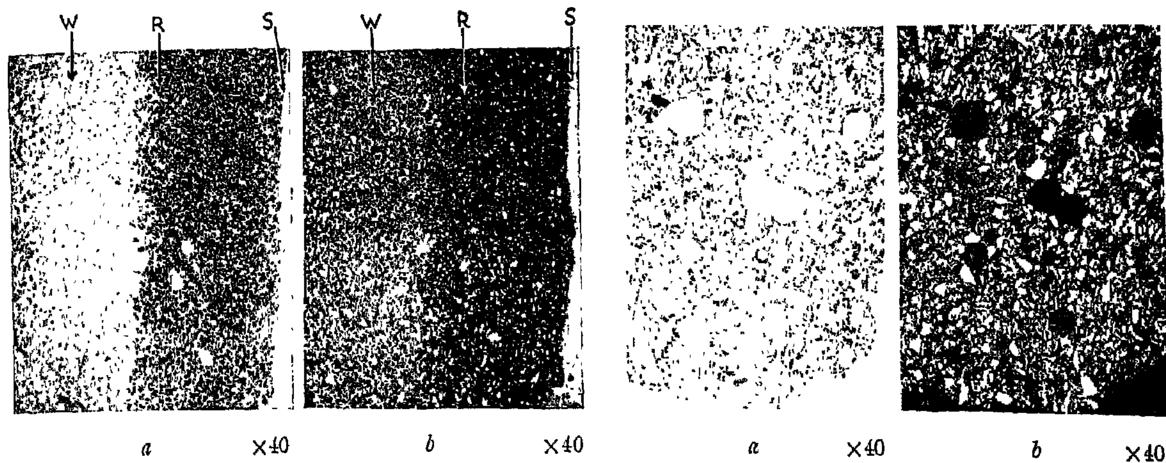


FIG. 6

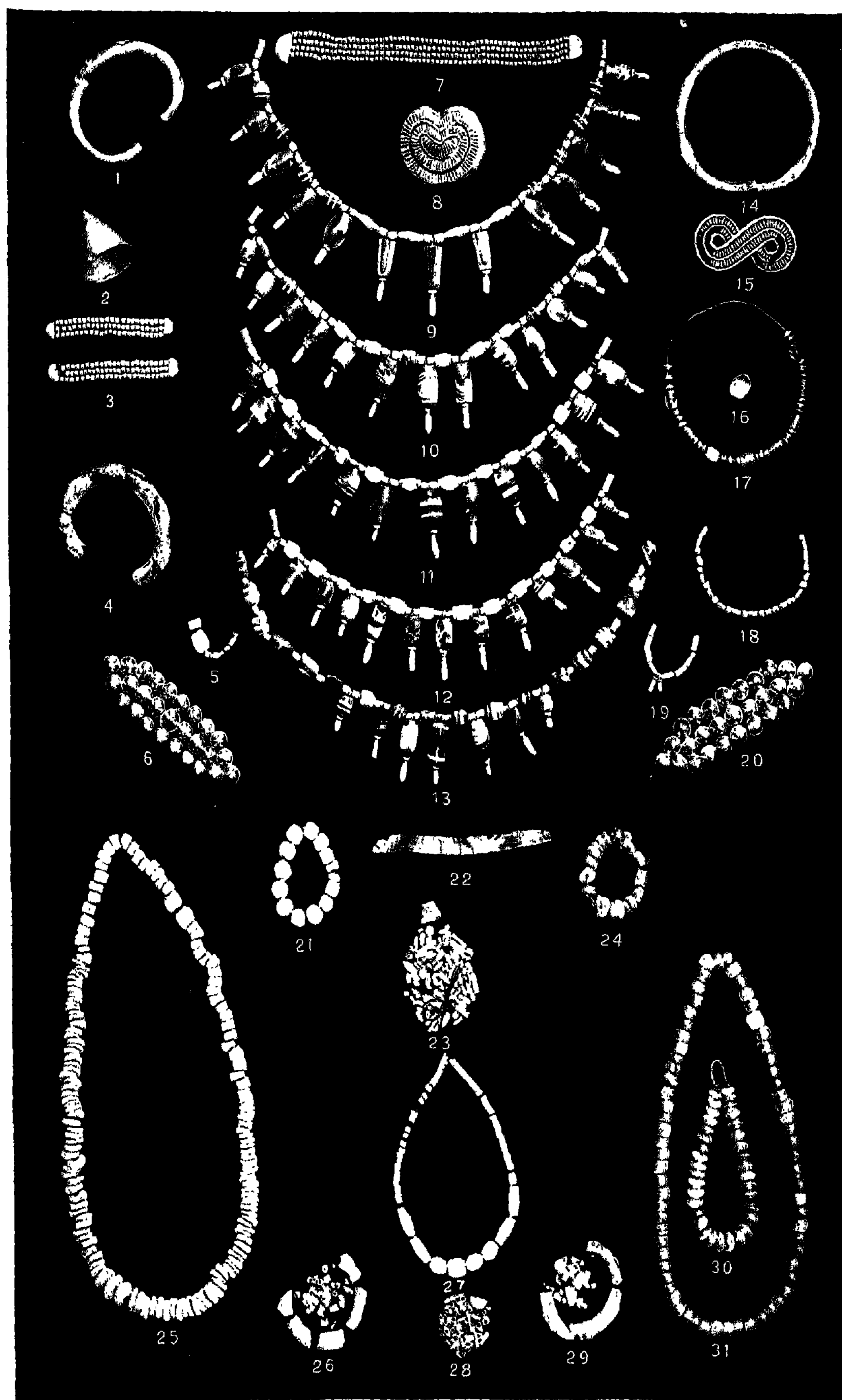
SECTION OF VERY FINE VARIEGATED FAIENCE.

a. ORDINARY TRANSMITTED LIGHT.
b. POLARIZED LIGHT.

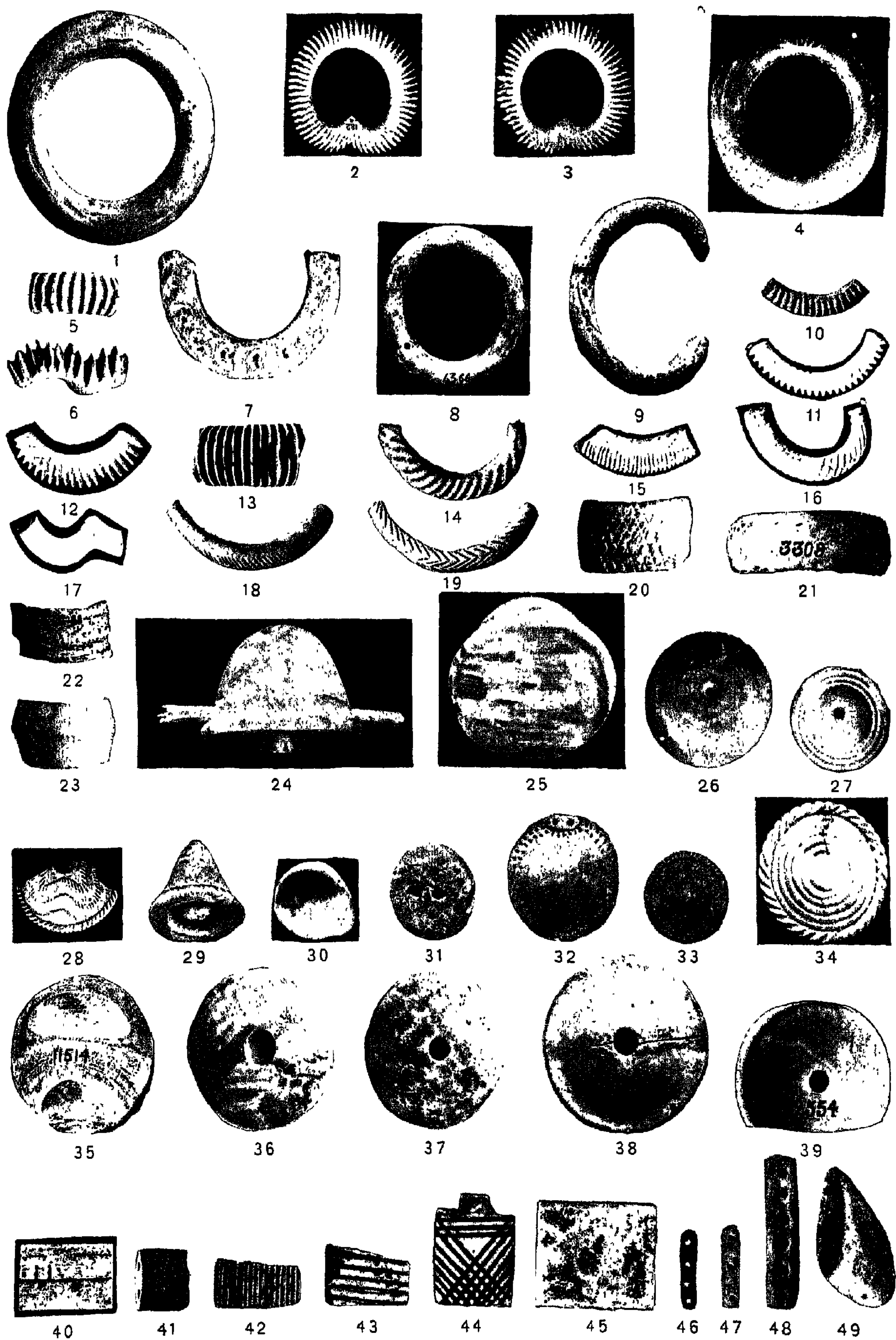
FIG. 7

SECTION OF VERY HARD FINE GRAINED FAIENCE SOMETIMES CALLED VITREOUS PASTE.

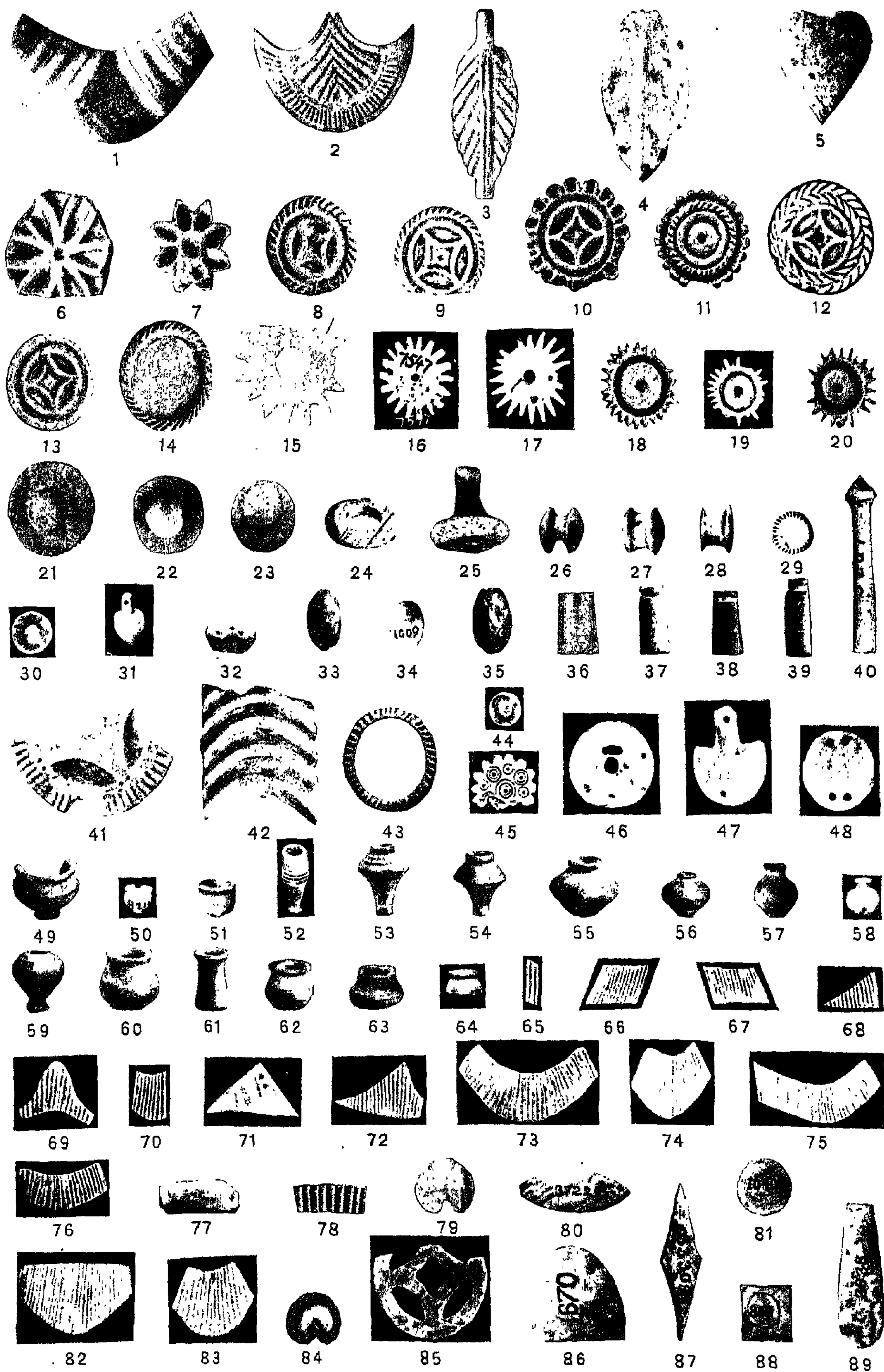
a. ORDINARY TRANSMITTED LIGHT.
b. POLARIZED LIGHT.



Jwellery from House 2, Trench IV, Mound F.



PERSONAL ORNAMENTS.



PERSONAL ORNAMENTS, UNGUENT VASES AND INLAY OBJECTS.